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# MICHEIL’s BULBS 

BULBS•SEEDS•PLANTS


NARCISSUS
MINISTER TALMA

## WHOLESALE CATALOGUE Fall 1942

## SUPPLIES FOR FLORISTS



THE REGAL LILY


## Please Notice

Orders at prices in this Catalog will be filled only for those engaged in the florist, landscape gardening, and market gardening business, or others entitled to such prices. We reserve the right to refuse to fill orders for others not entitled to these prices.

As a protection to our customers who are entitled to wholesale or florists' prices, we ask that they do not lend this Catalog to persons not entitled thereto. It will save us considerable embarrassment. Tell them to send for our "Seed Book"-free upon request.

## We Welcome Charge Accounts

We invite you to take advantage of a charge account with us. So that no time will be lost in executing your first order, please refer, preferably, to someone in either your own or our line of business with whom you have a charge account. This frequently saves delay.

## Discounts

On bills for Flower Seeds, Vegetable Seeds, and Bulbs, a discount of 2 per cent for payment 10 days from date of bill may be deducted; 5 per cent cash discount is allowed on all orders of Flower Seeds and 3 per cent cash discount on all orders of Vegetable Seeds and Bulbs when remittance accompanies the order, unless on items specially quoted or priced. Cash discount above does not apply to dealers' orders, unless so stated in quotations or otherwise. All other goods are strictly net, as are also bills for goods supplied under special quotations unless otherwise agreed upon.

## Conditions of Sales

All contracts, sales, and acknowledgments of orders are contingent upon crop failure, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order.

## Forwarding Service

We pay postage on all orders for Vegetable and Flower Seeds provided the order calls for packets, ounces, quarter pounds, or pounds (beans, corn, peas and grass seeds, bulbs, plants and sundries are not included). If these are wanted by mail, remit for postage the amount named in connection with the item to the first and second zones; for other zones add additional postage. All postage is charged on dealers' orders regardless of items ordered.

## Parcel Post Rates

On Seeds, Bulbs, Plants or Roots not exceeding eight (8) ounces in weight, the postage charge is 1 c . for each two (2) ounces or fraction thereof; on sundries or other merchandise not exceeding eight (8) ounces in weight, the postage charge is $11 / 2 \mathrm{c}$. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces, are sent at zone rates.

If Special Delivery is wanted, an additional 15 c . is required on packages weighing up to two (2) pounds- 25 c . on packages weighing more than two (2) pounds and up to ten (10) pounds-35c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges-if ordered to be sent by either of the methods as stated above.

We do not make shipments of Plants or CoId-Storage Bulbs C. O. D., and shipments of goods C. O. D. outside of our automobile delivery limits can only be made that way provided a partial remittance is sent with the order to guarantee that the goods will be accepted on arrival.

## Important Notice

All shipments of plants, perishable stock, and cold-storage bulbs are made at buyer's risk only.

If such shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, will hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

Our custom to guarantee the actual arrival of goods (except at points where there is no Freight or Express agent) will still be continued, and claims for loss or non-arrival of merchandise not perishable will, as in the past, be cared for by us, so you run no risk of having to make claims for lost goods.

Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of goods.

## SPECIAL TELEPHONE SERVICE <br> BELL: <br> Lombard 5620 to 5627 <br> KEYSTONE: <br> Main 1631-1632 <br> Telephone your order. It will get prompt, courteous attention here.

## PARCEL POST CHARGES QUOTED ARE FOR DELIVERY IN THE UNITED STATES ONLY

## Notice to Customers in Canada and other Countries outside of the United States

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the Exchange we ask that you please send Post Office Money Order in United States funds or a check or draft on a New York or Philadelphia Bank in par United States funds.

# Special Notice 

Due to existing conditions in Europe it is almost a certainty that there will be no Tulips, Hyacinths or other bulbs shipped from Holland this season.

However, we have arranged for a supply of Amer-ican- and British-grown Tulips in varieties as listed in this Catalog.

American-grown Narcissus, Iris, etc., will also be available as usual.

Our customers who place their orders with us can be assured that we will do our utmost to fill them completely.

HENRY F. MICHELL CO.

# Michell's Reliable Bulbs for Fall Planting 

IMPORTANT NOTICE. We call attention to the fact that Easter in 1943 comes on April 25, and it is important that florists keep this in mind, particularly when planting and handling their bulbous stock.

Our Tulip bulbs are grown in the best districts, to insure perfect development and full-sized stock. Those who place their orders with us may be sure of getting bulbs that will not only bloom but also prove true to name.

> The asterisk (*) preceding the variety denotes that it is suitable for forcing as well as bedding. The Ietters E, F, and $G$ following the variety indicate their relative time of blooming, the E's being the earliest to bloom. The figures indicate the normal height in inches. Tulip bulbs are packed 250 in a bag; please order in units of this number if possible.

## Michell's Superb Darwin Tulips <br> First Size 11-12 ctm.

Darwins are the most proftrable Tulips for the florist to grow. The long stems on which the flowers are borne make them valuable for cutting. Afterglow (Katherine Havemeyer). F26. Rosy Doz. 1001000
orange, tinted salmon at edges
*Allard Pierson. E26. Dark crimson-maroon. An early forcing variety
*Baronne de la Tonnaye. F26. Bright rose, margined blush. Large bloom of beautiful form
*Bartigon. F24. Fiery red; white base. Extra fine for pans
*Bleu Aimable. G26. Bright violet-purple, shaded steel-blue; blue base
*Centenaire. E32. Rich violet-rose, large blue center. Large flowers
*City of Haarlem. F27. One of the best scarlet varieties. Steel-blue base with white outline.
*Clara Butt. G21. Delicate salmon-pink. Extrafine forcer; good bedder
*Farncombe Sanders. F25. Large, brilliant scarlet flowers.
*Le Notre. E24. Rose-pink. Very early and a fine forcer
*Mme. Krelage. F26. Rosy lilac, with pale silvery margin. Fine forcer
*Pride of Haarlem. F26. Rosy carmine
*Princess Elizabeth. F23. Clear pinh changing with age to a deeper shade
*Professor Rauwenhof. F26. Large, cherryred with blue star at base.
*Rev. H. Ewbank. F20. Light heliotrope, edged lavender. Very fine.
*Roi d'Islande. G22. A beautiful bloom of rich violet-rose.
*Rose Copeland. E27. A sport from William Copeland, with the same forcing qualities. Color, pinkish lavender
Victoire de'Oliviera. F26. Dark red with white-bordered deep blue base. Guod for forcing as well as for planting outside
*William Copeland. E24. Delicate lavender.
*William Pitt. E24. Deep crimson, shaded purple on outer petals. Splendid for early forcing.
*Yellow Giant. E28. Large, globular, deep golden yellow flowers on tall, stiff stems.
Darwin Mixed
$\begin{array}{llll}\$ 0 & 85 & \$ 5 & 50\end{array} \$ 5000$
$75 \quad 500 \quad 4500$
$75 \quad 5 \quad 00 \quad 4500$
$85 \quad 5 \quad 50 \quad 50 \quad 00$
$\begin{array}{llll}85 & 5 & 50 & 50\end{array} 00$

$90 \quad 6 \quad 00 \quad 5500$| 85 | 5 | 50 | 50 |
| :--- | :--- | :--- | :--- |


| 60 | 4 | 25 | 37 |
| :--- | :--- | :--- | :--- |
| 50 |  |  |  |


| 75 | 500 | 45 | 00 |
| :--- | :--- | :--- | :--- |
| 75 | 500 | 45 | 00 |


| 75 | 5 | 00 | 45 | 00 |
| :--- | :--- | :--- | :--- | :--- |
| 75 | 5 | 00 | 45 | 00 |


| 75 | 5 | 00 | 45 |
| :--- | :--- | :--- | :--- |
| 00 |  |  |  |


| 75 | 5 | 00 | 45 |
| :--- | :--- | :--- | :--- |
| 00 |  |  |  |
| 85 | 5 | 50 | 50 |

$75 \quad 500 \quad 4500$

| 75 | 5 | 00 | 45 | 00 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| 85 | 5 | 50 | 50 | 00 |
| 60 | 4 | 25 | 37 | 50 |
| 85 | 5 | 50 | 50 | 00 |
| 85 | 5 | 50 | 50 | 00 |
| 70 | 4 | 75 | 42 | 50 |

## A Few Don'ts

Don't leave bulbs in paper bags or cases when they are damp.
Don't plant bulbs in soil in which bulbs have been grown before.
Don't put flats or pans on top of the ground after planting.
Don't bury the flats or pans in a warm, sunny, too wet or too dry place; choose a cool sunny corner where the soil is sufficiently moist at all times.
Don't take the bulbs into the greenhouse unless well rooted and the buds far enough advanced.

## Dutch Breeder Tulips

A May-flowering type similar to the Darwins in their tall, strong growth, but an entirely different range of colors, running mostly in shades of bronze, terra-cotta, and buff.
*Bronze Queen. B28. Buff-yellow, shaded Doz. 1001000 golden bronze; yellow base................... $\$ 075 \$ 500 \quad \$ 4500$ Dillenburg. F. A brilliant salmon-orange, shaded rose. The flower is large and borne on a strong, stiff stem. Recommended for the garden.................................. $8550 \quad 5000$ Louis XIV. B28. Dark purple with broad,
golden bronze margin............................. 90
600
5500


## Triumph Tulips

L'Innocence. Silvery white. A lovely Tulip... | $\$ 0$ | 85 | $\$ 5$ | 50 | $\$ 50$ |
| :--- | :--- | :--- | :--- | :--- |

Lord Carnarvon. Pink and white. 22 in ...... $\quad 75 \quad 5 \quad 00 \quad 4500$

Telescopium. Reddish violet. $22 \mathrm{in} . . . . . .$. .. $85 \quad 5 \quad 50 \quad 5000$

## May-flowering or Cottage Tulips

Desirable for outdoor planting for a supply of brilliant cut blooms
in May. Some varieties are also valuable for forcing.
*Albino. E26. An excellently formed flower of Doz. 1001000
pure white................................ $85 \quad \$ 575 \quad \$ 5250$
Argo. F22. Golden yellow, mottled red, passing
Avis Kennicott. G24. A rich, deep shade of
yellow, with black base and anthers........
yellow, with black base and anthers. ..........
for forcing in pans for mid-March blooms.
Dido. F30. Cochineal-carmine, edged salmonpink; yellow base with green edge
Gesneriana Spathulata. G24. Rich scarlet
blue-black center

| Grenadier. F24. Brilliant orange-red | 75 | 75 | 50 | 45 | 00 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

*Inglescombe Yellow. F20. Bright yellow.
Often called "Yellow Darwin" ................ $60 \quad 425 \quad 37 \quad 50$
Mrs. Moon. F25. A beautiful bloom of clear golden yellow
$85 \quad 5 \quad 50 \quad 50 \quad 00$
Picotee. G24. Pure white, margined rose. 90600
Gracefully recurved petals..............
50
$\begin{aligned} & \text { Vesta. F26. Long slender flowers of gleaming } \\ & \text { silvery white. .................................. }\end{aligned}$ 85 $\quad 5 \quad 75 \quad 52 \quad 50$


Hole-in-One Plant Setter and Bulb Planter
An excellent tool for planting bulbs or transplanting various plants, as it makes the proper size hole with ease. Price, 55c.

Hyacinth Stakes, Wood, Dyed Green
Used for staking tulips, hyacinths, etc. $5000 \quad 10,000$


ALL PRICES SUBJECT TO MARKET CHANGES

[^0]
## Early Single Tulips

Couleur Cardinal. E12. Rich crimson-scarlet, shaded plum
Cramoisi Brillant. C10. Glowing scarlet, with yellow base.
*De Wet (Fireglow). B16. Beautiful golden yellow, flushed and stippled fiery orange-scarlet; sweet-scented.
*Fred Moore. F15. Apricot-brown, shading to orange-yellow at edges
*Keizerkroon (Grand Duc). B15. Brilliant red, with gold border. Fine for forcing or bedding.
*Prince of Austria. F14. Terra-cotta with yellow base. Sweetly scented.
*Rising Sun. B15. Rich golden yellow. One of the Iargest Tulips
*Rose Luisante. G14. Brilliant deep rose-pink
*Vermillon Brillant. B10. Brilliant vermilion-scarlet. Early forcer and good bedder.
*White Hawk. A12. Pure white. Excellent forcer and bedder.

* Yellow Prince. B10. Golden yellow. Fine for early forcing or bedding All Early Single Tulips, doz. 85 c.; 100, $\$ 5.50 ; 1000, \$ 50.00$


## Early Double Tulips

The Double Tulips usually flower a few days later than the Early Single varieties. They are very popular for both bedding and forcing. *Electra. 12. Deep claret with lighter edges
*Mr. van der Hoef (Yellow Murillo). A10. Rich golden yellow
*Murillo. B10. Rose-pink, flushed white.
Orange Nassau. 11. Blood-red, margined deep orange, with a currant-red bloom on outside.
Peach Blossom. B12. A sport of Murillo. Rosy pink, flushed white
*Tea Rose. 12. Soft pale yellow, tinged flesh-rose with age.
*Vuurbaak. F12. Fiery vermilion-red, shaded orange All Early Double Tulips, doz. 85c.; 100, $\$ 5.75 ; 1000, \$ 52.50$

## Parrot or Dragon Tulips (Late)

These belong to the late-flowering class, and on account of their peculiar markings and shadings are much in demand. The petals have feathered edges, and, in addition to other colors, combine shades of green.
Fantasy. 21. Beautiful, true salmon-rose with ragged edges and fantastically shaped petals, with the outside marked apple-green; erect, long stems. Doz. 90c.; 100, \$6.50; 1000, $\$ 60.00$.
Sundew. A distinct bloom of rich carmine-rose with fringed edges. Doz. 90 c . ; 100, $\$ 6.00 ; 1000, \$ 55.00$.

## Tie Your Plants with "Twist-Ems"



| 4 -inch | 1000 |
| :---: | :---: |
| 5,000 lots | \$0 90 |
| 10,000 to 25,000. | 85 |
| 30,000 to $95,000$. | 75 |
| 100,000 or over | 70 |
| 6 -inch |  |
| 5,000 lots | 05 |
| 10,000 to 25,000 | 95 |
| 30,000 to 95,000. | 85 |
| 100,000 or over | 80 |
| 8 -inch |  |
| 5,000 lots | 10 |
| 10,000 to 25,000 | 05 |
| 30,000 to 95,000 | 95 |
| 100,000 or over | 90 |
| 16-inch |  |
| 5,000 | 200 |
| 10,000 to 25,000 | 190 |
| 30,000 to 95,000 | 85 |
| 100,000 or over. | 180 |

## Michell's Reliable Narcissus Bulbs Anticicin

We offer the best bulbs grown, all produced by the largest and most reliable growers in this country. The quality and size ve furnish at reasonable prices should not be compared with cheap and inferior grades often offered, results of which are always questionable. You cannot afford to speculate with your crops. Procure your bulbs from us and be safe.

The letters following the varieties indicate their relative time of flowering, the A's being the earliest to bloom, the C's the latest.
If Narcissus bulbs are wanted by Parcel Post, add 10c. per doz., 30c. per 100 for postage, to the First and Second Zones; for other Zones, please add additional postage.

## Single Narcissus

## Giant Trumpet Varieties




[^1]
## Urge early planting of Narcissus Bulbs

## Medium Trumpet Narcissus

Bernardino. Incomparabilis. Large creamy white perianth; pale lemon cup, tinted pinkish Doz. 1001000 apricot. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . \$0 80
Conspicuus. Barri. C. Perianth yellow; dark yellow cup, edged scarlet.
$80 \quad 5 \quad 75 \quad 5250$
Crcesus. Incomparabilis. Perianth primroseyellow, with thick overlapping petals; an unusually large crown of deep orange-red completes this picture
$100 \quad 700 \quad 6500$
Diana Kasner. Barri. B. Pure white perianth; large, fluted yellow cup, with blood-red frill. Very free flowering. Excellent forcer........
Lucifer. Incomparabilis. C. Perianth white; trumpet orange-scarlet
$\begin{array}{llll}100 & 700 & 65 & 00\end{array}$

Sir Watkin. Incomparabilis. C. Sulphur-yellow; cup tinged with orange
$80 \quad 5 \quad 75 \quad 5250$

White Lady. Leedsi. C. White perianth; canary-yellow cup
$90 \quad 6 \quad 00 \quad 5500$

## Narcissus triandrus

These are the Cyclamen-flowered Daffodils, with reflexing perianth and the flowers more or less drooping and of elegant form.
Thalia. Orchid-flowered Narcissus. C. The sensation of Doz. 100 recent flower shows, 3 to 4 blooms being produced on a sturdy stem. They are a gorgeous white and their arrangement reminds one of orchids. Excellent for February forcing..
$\$ 2 \quad 50 \quad \$ 1500$

## Narcissus, Double Varieties



If Narcissus bulbs are wanted by Parcel Post, add 10c. per doz., 30 c. per 100 for postage, to the First and Second Zones; for other Zones, please add additional postage.

## Jonquils

These are perfectly hardy and are suitable for either outdoor planting or forcing. They are delightfully fragrant and are worthy of extensive cultivation.
Campernelle rugulosus. 18. Single; yellow; Doz. 1001000
larger than the plain Campernelle...........\$0 $70 \quad \$ 500 \quad \$ 4500$
Golden Sceptre. 20. Elegant flowers on long
stems; rich golden yellow; sweet-scented.... $90 \quad 600 \quad 5500$
Double ( $N$. odorus plenus). 12. Flowers very
double, deep golden yellow.
$\begin{array}{lllll}70 & 5 & 00 & 45 & 00\end{array}$
Single. 12. Rich yellow; very fragrant....... $70 \quad 500 \quad 4500$

## Pebbles for Polyanthus Narcissus

Qt. 8c.; doz. qt. pkgs. $85 \mathrm{c} . ; 100, \$ 6.50 ; 50$ at 100 rate. In bulk, pk. 55 c. ; bus. $\$ 2.00$; bbl. sack $\$ 4.00$.

## Pearl Chips for Bulb Bowls, Etc.

White or Assorted Colors. Pkg. 8c.; 6 pkgs. 45c.; 12 pkgs. 85c.; 25 pkgs. $\$ 1.50 ; 100$ pkgs. $\$ 5.50$.
White. In bulk. $10 \mathrm{lbs} .70 \mathrm{c} . ; 25 \mathrm{lbs} . \$ 1.25 ; 100 \mathrm{lbs} . \$ 4.50$.
Assorted Colors. In bulk. $10 \mathrm{lbs} .85 \mathrm{c} . ; 25 \mathrm{lbs} . \$ 1.75 ; 100 \mathrm{lbs} . \$ 6.00$.

## Narcissus, Polyanthus Varieties

| MICHELL'S BIG BLOOM | z. | 100 | 1000 |
| :---: | :---: | :---: | :---: |
| First size, $13 \mathrm{~cm} . \mathrm{u}$ | \$0 40 | \$2 50 | \$2100 |
| Mammoth, 14 cm . | 50 | 300 | 2500 |
| Monster, 15 cm | 60 | 375 | 33 |
| Jumbo, 16 c | 75 |  |  |

Write for prices on larger quantities of Big Bloom Paper-White Narcissus Grand Soleil d'Or. Golden Chinese Lily. Rich
yellow with orange-red cup.
Doz. 1001000
14 cm . up.
15 cm . up.
$100 \quad 700 \quad \$ 5500$
Jumbo, 16 cm . up
$\begin{array}{lll}125 & 850 & 7500\end{array}$
Note. If Polyanthus Narcissus are to be grown in water, they will flower more satisfactorily if not started until late, thus giving the bulbs time to become thoroughly ripened and cured.

## Monster Narcissus bulbs will be supplied in all varieties except where specified. Bear in mind that the sizes vary according to the characteristics of the variety.



## Poet's and Poetaz Narcissus

Poetaz, Cheerfulness. C. Excellent double- Doz. 100 flowering type. A real double white with faint suggestion of pale yellow at base.......\$0 90 \$6 $50 \quad \$ 6000$ Early Perfection. A. White perianth; light yellow cup. Several flowers on a stem. A very early forcing variety

| 90 | 6 | 50 | 60 | 00 |
| :--- | :--- | :--- | :--- | :--- |
| 90 | 6 | 50 | 60 | 00 |
| 90 | 6 | 50 | 60 | 00 |
| 75 | 5 | 75 | 52 | 50 |
| 90 | 6 | 50 | 60 | 00 |
| 70 | 5 | 00 | 45 | 00 |
| 75 | 5 | 50 | 50 | 00 |

Poetaz, Elvira. B. Pure white; delicate yellow cup
$90 \quad 6 \quad 50 \quad 60 \quad 00$
Poetaz, Helios. C. Creamy yellow; pure yellow cup
Poetaz, Laurens Koster. B. Pure white; orange-yellow cup.
Poetaz, Orange Cup. C. Creamy white; cup orange.
$\begin{array}{llll}75 & 5 & 50 & 50\end{array}$
Poeticus ornatus. C. White and scarlet Mammoth blooms
Poeticus ornatus maximus. Extremely broad, overlapping petals, recurving from typical Pheasant's-Eye cup. Unsurpassed for naturalizing
$75 \quad 5 \quad 50 \quad 5000$

In order to obtain best results, all bulbs should be unpacked immediately upon arrival and either planted at once or stored in a cool, dry place.

# Michell's Superb Easter Lily Bulbs 

Our house is among the largest direct importers of Easter Lily bulbs, and we are particular as to quality and grading. All are of standard packing and selected from best cultures.

## EASTER IN 1943 comes on April 25



## Lilium Harrisi, Michell's "Special Brand"

These are the cream of the Bermuda Lily crop, being a selection of bulbs from the most uniform plants. Our Harrisi last season gave the best of results, and our growers assure us the same quality for this season. We recommend this Lily for early spring flowering.


## Lilium candidum

## Madonna, Annunciation, or St. Joseph's Lily

We wish to lay particular stress on the quality of our Lilium candidum, which are larger and better than usually sold. They produce plants of strong, healthy growth, free from disease, and bearing an abundance of thick-petaled flowers.

Selected Bulbs, 7 to 8 in.......................... | E0 |
| :--- |
| 35 |
| 40 |
| 40 |

Mammoth Bulbs, 8 to 9 in. . . . . . . . . . . . . . . . . . $40 \quad 400 \quad 3250$
Monster Bulbs, 10 in. and up ................. $50 \quad 5 \quad 50 \quad 4250$

## Regale Lily - Lilium myriophyllum



## Lilium philippinense formosanum

## AUTUMN-FLOWERING TYPE

This is an ideal Lily for growing under glass or in the garden or nursery. It blooms profusely and its very fragrant, pure white flowers resemble an Easter Lily. The outside of the bloom, when first opening, is slightly colored with reddish brown; this coloration fades as the flower matures. Doz. 1001000 Large Bulbs ................................. $\$ 225 \$ 1600 \$ 15000$

## Miscellaneous Hardy Lilies

The hardy native Lilies are always an attraction and can at times be utilized in various ways, by reason of their oddity. Doz. 100
Canadense. Bright yellow. ............................. . $\$ 200$ \$12 00

Canadense rubrum. Red............................ . 2501800
*Elegans, Mixed. Shades of orange. . . . . . . . . . . . . . . . . . 2501800
Henryi. Orange-yellow . . . . . . . . . .
Pardalinum. Sunset Lily.
Superbum. Orange-red. .
*Umbellatum. Orange-scarlet.


Lilium pardalinum

# Michell's High-Grade Bulbs for Florists 

## Amaryllis (Ready in November or December)

 If wanted by Parcel Post, add 20c. per doz. for postage Giant American Hybrids. We believe this is the finest race of Amaryllis in cultivation. Flowers are of enormous size, fine form, and of a great diversity of colors. They make splendid pot-plants for store sales, and when in bloom sell on sight at a good price. We offer mixed colors only. Doz. $\$ 4.00 ; 100, \$ 30.00$.
## Anemone (Ready in October)

Excellent for cut-flowers and sells readily with any florist who has a store trade. On arrival of bulbs, soak them in lukewarm water for from 12 to 18 hours before planting. Use virgin soil that is not heavy and which has been lightly mulched with peat moss. Plant in deep bulbpans or flats, allowing about 2 inches each way; water sparingly until well established and carry over in a deep coldframe; bring into a $45^{\circ}$ greenhouse about the middle of January and let them develop slowly.

Do not attempt to force or over-water. Grown in this way they should flower the latter part of March or early in April.
Blue Poppy. A choice selection of blue
shades. Large, thick-petaled, poppy-
shaped blooms on long stems appear Doz. 100 By P.P. 1000
at a time when this color is scarce.... $\$ 040 \quad \$ 300$
DeCaen. Single French. Mixed colors. . 40
His Excellency. Large-flowering Poppy Anemone. Deep scarlet; thick petals; Iong stems.
St. Brigid. Semi-double; various colors.
The Bride. New. Large, pure white flowers with white centers

| 40 | 3 | 00 | 3 | 15 | 26 | 00 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 40 | 3 | 00 | 3 | 15 | 26 | 00 |
| 40 | 3 | 00 | 3 | 15 | 26 | 00 |

## Calochortus . Mariposa Tulip; Butterfly Tulip

Our mixture comprises all the pleasing shades: pink, rose, white, avender, and primrose.
Mixed Colors. $\begin{array}{lllll}\text { Doz. } & 100 & \text { By P.P. } & 1000 \\ \$ 0 & 50 & \$ 3 & 50 & \$ 3 \\ \$ 55 & \$ 30 & 00\end{array}$

## Brodiaeas

A small bulb producing grassy leaves near the ground and small, waxy flowers in shades of blue and purple, on slender, stiff stems. $\begin{array}{llllll}\text { Doz. } & 100 & \text { By P.P. } & 1000 \\ \$ 0 & 50 & \$ 3 & 25 & \$ 3 & 40\end{array}$
Choice Mixed

## Calla Lilies

If Callas are wanted by Parcel Post, add 20c. per doz. for postage, to the First and Second Zones; for other Zones, please add additional postage.

## White Calla (Aethiopica) (Ready now)

| Clean, healthy bulbs. | Doz. | 100 | 100 |
| :---: | :---: | :---: | :---: |
| to $11 / 2 \mathrm{in}$. diam. | \$1 00 | \$7 00 | \$65 |
| to $13 / 4 \mathrm{in}$. diam | 175 |  | 115 |
| to 2 in. diam | 25 |  |  |
| in. | 325 | 2350 | 22500 |

$13 / 4$ to $2^{\text {in. diam }}$
$2^{4}$ to $2 \frac{1}{2} \mathrm{in}$. diam.

## Baby Calla, Pink

Grows about a foot tall with long-lasting rose-pink flowers. Each 35c.; doz. $\$ 3.75 ; 100, \$ 30.00$

## Yellow Calla (Elliottiana) (TRUE)

Ready in October
Selected bulbs, $13 / 4$ to 2 in . diam.

| Doz. | 100 |  | 1000 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\$ 1$ | 25 | $\$ 8$ | 50 | $\$ 75$ | 00 |
| 1 | 75 | 12 | 00 | 110 | 00 |
| 2 | 50 | 18 | 50 | 175 | 00 |

Monster bulbs, $21 / 2$ to 3 in . diam.
$\begin{array}{llllll}2 & 50 & 18 & 50 & 175 & 00\end{array}$

## Spotted Calla (Ready in October)

Flowers white. Foliage green, spotted white. Doz. 1001000 Large Bulbs.
$\begin{array}{llll}\$ 175 & \$ 12 & 00 & \$ 110\end{array}$

## Camassia Leichtlini

Star-shaped flowers on spikes about 3 feet tall. They are perfectly hardy and bloom early in the :pring. Also excellent for forcing $\begin{array}{ccccc}\text { Doz. } & 100 & 1000 \\ \$ 0 & 80 & \$ 5 & 50 & \$ 47 \\ 50\end{array}$
Blue or White

## Erythronium - Dog's-Tooth Violet

Tuolumnense. Charming woodland plants with lily-like, golden yellow flowers; green leaves. Doz. 50c.; 100, $\$ 3.50$ (by Parcel Post, $\$ 3.75$ ); 1000, \$32.50.


## Eremurus - Foxtail Lily; Giant Asphodel

A rare bulbous plant that is very hardy. The tall flower-stalks, rising from a tuft of long, narrow leaves, are crowned by a flower-spike 2 to 3 feet long, closely set with star-like, bell-shaped flowers. On account of their height, we recommend these for the rear of the hardy border. Delivery September and October. Each Doz.
Bungei. Citron-yellow on spikes 5 to 6 feet high. July .. \$0 $75 \$ 80$
Elwesianus. Soft pink flowers on spikes 10 to 12 feet

Himalaicus. Waxy white flowers with golden anthers
Height, 6 to $8 \mathrm{ft}$. June. .............................. 10 ft . June
Him-Rob. Pale silvery pink flowers. 8 to 10 ft . June
Shelford. Coppery yellow or orange. 7 to 8 ft . June .
$75 \quad 2000$
$100 \quad 1100$

## Freesias

## RECENT INTRODUCTIONS

FLO (Elder's). A light violet-blue that is much clearer than Miss Blanche Blue. The finest variety of Freesia in this color so far produced. Flowers large, round-petaled and quite open. Foliage upright, deep green and long. The stems are wiry and sufficiently strong to carry the heavy flower-spike.

First-size bulbs, $1 / 2$ to $5 / 8 \mathrm{in}$.
Mammoth bulbs, $5 / 8$ to $3 / 4 \mathrm{in}$.
Monster bulbs, $3 / 4$ to $7 / 8 \mathrm{in}$.
$\begin{array}{cccc}\text { Doz. } & 100 & 1000 \\ \$ 0 & 35 & \$ 2 & 00 \\ \$ 16 & 00\end{array}$
$\begin{array}{lll}35 & \$ 200 \\ 50 & 71600\end{array}$
$\begin{array}{lllll}50 & 2 & 75 & 21 & 00 \\ 75 & 4 & 50 & 41 & 00\end{array}$
JUDY (Elder's). A wonderful golden yellow, suggestive of the wellknown Sulphur Phoenix Narcissus. Large-flowering type and excellent for forcing. Should be grown by every florist.

| rst-size bulbs, $1 / 2$ to | 35 |  |  |
| :---: | :---: | :---: | :---: |
| Mammoth bulbs, $5 / 8$ to $3 / 4 \mathrm{i}$ | 50 | 275 |  |
| Monster bulbs, $3 / 4$ to $7 / 8$ in | 75 | 50 | 4100 |

ELDER'S DOUBLE WHITE. This splendid novelty is a glistening white with very tall stems. The flowers are quite Iarge and very similar to a gardenia. Excellent for forcing.

First-size bulbs, $1 / 2$ to $5 / 8$ in................ 352001600
Mammoth bulbs, $5 / 8$ to $3 / 4 \mathrm{in}$............... . . $50 \quad 275 \quad 2100$
Monster bulbs, $3 / 4$ to $7 / 8$ in. ............... 75 450 4100
MICHELL'S PURITY (SUPER-FLORA).

|  | 20 | 100 | 7 |
| :---: | :---: | :---: | :---: |
| ammoth bulbs, $5 / 8$ to $3 / 4$ | 30 | 175 | 12 |
| Monster bulbs, $3 / 4$ to $7 / 8$ i | 40 | 225 | 18 |

ELDER'S GIANT WHITE. (Plant Patent No. 17.) Giant pure white blooms, with long stems.

| First-size bulbs, $1 / 2$ to 5/8 | 25 | 150 | 1100 |
| :---: | :---: | :---: | :---: |
| Mammoth bulbs, $5 / 8$ to $3 / 4$ | 40 | 225 | 1850 |
| Monster bulbs, $3 / 4$ to $7 / 8 \mathrm{in}$. | 60 | 400 | 3600 |

# Michell's Freesias will stop your headaches 

## MICHELL'S MISCELLANEOUS BULBS AND ROOTS

## Colored Freesias

| otheose. Pink flowers ti |  | 100 | 1000 |
| :---: | :---: | :---: | :---: |
| First-size bulbs, $1 / 2$ to $5 / 8 \mathrm{in}$. |  | \$1 25 | \$800 |
| Mammoth bulbs, $5 / 8$ to $3 / 4 \mathrm{i}$ | 35 | 200 | 1400 |
| Monster bulbs, $3 / 4$ to $7 / 8$ in | 50 | 275 |  |
| Golden Daffodil. Golden yellow with orange |  |  |  |
| blotch on lower lip. |  |  |  |
| First-size bulbs, | 25 | 25 | 00 |
| Mammoth bulbs | 30 | 85 |  |
| Monster bulbs, $3 / 4$ to $7 / 8$ in | 40 | 50 |  |
| Marie Louise Fischer. An excellent variety with rich lavender-blue flowers. |  |  |  |
| First-size bulbs, $1 / 2$ to $5 / 8$ in | 30 | 75 |  |
| Mammoth bulb | 35 | 00 |  |
| Monster bulbs, $8 / 4$ | 50 | 00 |  |
| Miss Blanche Blue. Plant Patent No. 98. Introduced by the originator of Elder's Giant |  |  |  |
|  |  |  |  |
| White. Deep bluish lavender. No variety |  |  |  |
| compares with it in size of flower, length of |  |  |  |
| stem, earliness, or freedom of growth. |  |  |  |
| First-size bulbs, $1 / 2$ to $8 / 8 \mathrm{in}$. | 25 | 50 | 1100 |
| Mammoth bulbs, $8 / 8$ to $3 / 4$ in | 40 |  |  |
| Mrs. Marc Peters. Deep rosy salmon, blotched golden yellow. Very early. |  |  |  |
|  |  |  |  |
| First-size bulbs, $1 / 2$ to | 30 | 85 |  |
| Mammoth bulbs, $5 / 8$ to $3 / 4$ | 35 | 00 |  |
| Pinky. Large clear pink; broad-petaled open flower. Best pink. |  |  |  |
|  |  |  |  |
| First-size bulbs, | $\begin{aligned} & 25 \\ & 35 \end{aligned}$ |  |  |
| Splendens. Lavender |  |  |  |
|  | 25 | 75 | 1200 |
| Mammoth bulbs, $8 / 8$ to $3 / 4$ in | 35 | 00 |  |
| Sunset. A new color in Freesias-flame-orange. |  |  |  |
| First-size bulbs, $1 / 2$ to | 25 | 50 |  |
| Mammoth bulbs, $5 / 8$ to $3 / 4$ in | 35 | 00 |  |
| White Chief. A large, strong-growing pure white |  |  |  |
|  |  |  |  |
| First-size b | 20 | 00 |  |
| Mammoth bulb | 30 | 75 | 1200 |
| Monster bulbs, $3 /$ | 40 | 25 |  |
| Rainbow Mixture. |  |  |  |
|  |  |  |  |
| Mammoth bulbs, $8 / 8$ to $3 / 4$ | 35 | 85 |  |

## Baby Gladiolus (For Forcing)

Ready in October
An extremely popular flower of marvelous grace and beauty. Wonderful for forcing.

If wanted by Parcel Post, add 25c. per 100 for postage

| Doz. | 100 | 1000 |
| ---: | ---: | ---: |
| $\$ 060$ | $\$ 400$ | $\$ 3500$ |
| 60 | 400 | 3500 |


| Peach Blossom. Soft pink. . . . . . . . . . . . . . . . . . . . . $\$ 0$ | 60 |
| :--- | :--- |
| Spitfire. Deep reddish salmon. . . . . . . . . . . | 60 |

The Bride, Pure white $\quad 400 \quad 3500$

Also the regular type of Gladiolus in special forcing varieties. List and prices upon application.

## Grape Hyacinths - Muscari

## Light Blue (Armeniacum) <br> $60 \quad 400-3500$ <br> Dark Blue $\begin{array}{llll}60 & 4 & 00 & 35\end{array}$

## Dutch |ris • Iris Xiphium hybridum

Blooms fully two weeks in advance of the Spanish Iris. Flowers are of enormous size.

If Iris is wanted by Parcel Post, add 15c. per 100 for postage
A. Bloemaard. Purplish blue. Very early

7 to 8 cm .

| Doz. | 100 | 1000 |
| :---: | :---: | :---: |
| \$0 50 | \$2 75 | \$22 00 |
| 65 | 375 | 3200 |
| 55 | 325 | 2800 |
| 75 | 450 |  |
| 65 | 375 | 3200 |
| 75 | 475 |  |
| 40 | 265 |  |
| 60 | 350 | 3000 |
| 60 | 350 | 3000 |
| 75 | 450 | 4000 |
| 65 | 375 |  |
| 75 | 475 | 4200 |
| 40 |  |  |
| 65 | 375 | 3200 |

## Spanish Iris • Iris hispanica

Extremely early. Graceful, slender stems, with fragrant orchid-like flowers. Hardy outdoors, requiring only a slight mulch; also excellent for forcing in boxes or pans.
Cajanus. Canary-yellow, with orange blotch on Doz. 1001000

King of the Blues. Deep purplish blue......... $50 \quad 3 \quad 00 \quad 2600$
King of the Whites. Pure white

## Iris filifolia, Imperator

A popular greenhouse forcing variety, producing elegant large, deep bue flowers. Very much in demand.

Doz. $100 \quad 1000$ Selected bulbs ( 7 to 8 cm .) .................... \$0 40 \$2 50 \$20 00 Large bulbs ( 8 cm . and up) $\begin{array}{llll}50 & 3 & 50 & 30\end{array}$

## Iris tingitana, Wedgwood

Monster, deep blue flowers on long stems. Free bloomer. Very early, in fact, one of the first Irises to bloom when forced under glass.

8 to 9 cm . bulbs

| Doz. | 100 | 1000 |  |
| ---: | ---: | ---: | ---: |
| $\$ 040$ | $\$ 250$ | $\$ 19$ | 00 |
| 65 | 3 | 75 | 32 |
| 75 | 475 | 43 | 00 |
| 75 | 475 |  |  |

## Ixias

Extra-Fine Mixture
$60 \quad 3 \quad 50 \quad 3000$

## Leucocoryne ixioides odorata

## Glory-of-the-Sun

A new introduction from Chile. Requires the same culture as freesias and blooms during February and March. Lavender, phlox-like flowers on long wiry stems. Doz. $\$ 1.25 ; 100, \$ 9.00$.

## Leucojum vernum - Spring Snowflake

A fine, hardy spring-flowering bulb with flowers like a snowdrop, but larger. Doz. $75 \mathrm{c} . ; 100, \$ 4.50 ; 1000, \$ 40.00$.

## Ornithogalum

Arabicum. Star of Bethlehem. An attractive flowering bulb for either indoor or outdoor culture. Petals pure white, streaked light green, with black flower center. For indoor culture, treat like hyacinths. Doz. 75c. (by Parcel Post, 85c.); 100, $\$ 5.00$ (by Parcel Post, $\$ 5.30$ ); 1000, \$40.00.
Thyrsoides flore-pleno. The only double Ornithogalum. The flowers have the keeping qualities of the single varieties, and the appearance of a Double Pearl tuberose. This is a new variety and very popular. Stems about 30 inches tall. Doz. 75c.; 100, $\$ 5.00 ; 1000, \$ 45.00$.

## Oxalis

If wanted by Parcel Post, add 10c. per 100 for postage

|  | Doz. | 100 | 100 |
| :---: | :---: | :---: | :---: |
| Grand Duchess, Pink | \$0 30 | \$200 | \$1800 |
| Grand Duchess, Lavender | 30 | 200 | 1800 |
| Buttercup. Yellow | 35 | 250 | 2000 |
|  |  |  |  |

## Ranunculus

Dwarf flowering bulbs, easily grown in pots for winter blooming or in coldframes for spring. Cultural directions are the same as for anemones. If wanted by Parcel Post, add 15c. per 100 for postage
Michell's New Giant Strain. This is the last word in Ranunculus, developed by careful selection of the finest flowers from all the latest improved strains and is a balanced blend of all colors. The huge flowers run mostly to the full double form. Doz. 50c.; 100, $\$ 3.25$; $1000, \$ 27.50$.
Palaflor Strain, Choice Mixed. A new strain that produces flowers twice as large and about four times as full as other types. They come in a heautiful range of colors, such as subtle shades and pastel colorings of pinks and vellows and other shades heretofore never produced. Doz. 45c.; 100, \$3.00; 1000, \$25.00.
Glant Yellow. Doz. 45c.; 100, \$3.00; 1000, \$25.00.
Claremont Hybrids, Mixed. Plants grow to 2 feet and produce perfectly round flowers of tango shades with all washy colors eliminated. Doz. 50c.; 100, $\$ 3.25 ; 1000$, $\$ 27.50$.


Ranunculus


Spiræa (Astilbe)

## Spiraea (Astilbe)

Ready in December
Large clumps with plenty of flowering eyes. Doz. 100
America. Lilac-rose. ...................................... . . $\$ 3$ 30 $\$ 2500$
Deutschland. Pure white.................................. . . 3752800
Gladstone. Snòw-white. . . . . . . . . . . . . . . . . . . . . . . . . . . 3752800
Gloria Superba. Rose. Excellent for forcing. .......... . 3502500
Peach Blossom. Pale rose. Fine for forcing............ 3502500
Queen Alexandra. Pink Easter variety . . . . . . . . . . . . . 3502500
Rhineland. Crimson, shading to salmon. Excellent
forcer
350
2500

## Scillas - Squills

Excellent for planting around beds of tulips, hyacinths or daffodils. Also do well if planted indoors in pots or pans.

If wanted by Parcel Post, add 10c. per 100 for postage
Campanulata alba. Pure white.

Campanulata rosea. Delicate pink
Campanulata, Blue
All Scillas, doz. 65c.;
100, \$4.50; 1000,
§ $\$ 40.00$.

## Tritonia crocata

Prince of Orange. A splendid pot-plant, treated like the freesia. Large orange-red flowers excellent for cutting. Doz. 40 c .; 100, $\$ 2.50$ (by Parcel Post, \$2.65); 1000, \$20.00.

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage

Important.-The stock offered by us is the best obtainable and will satisfy the most critical buyer. However, we cannot guarantee the success of the grower who purchases the stock, but if it proves untrue to name our liability is limited to the invoice value at the time of shipment.

We recommend all shipments to go by Express, except small ones, which can readily go by mail.
If shipments arrive in bad condition, accept them and receipt for them accordingly, then enter claim to the transportation company. We, of course, will assist you in every possible way.

Any complaints as to quality cannot be entertained, unless made to us within 2 days after receipt of goods.


25 plants at the hundred rate 250 plants at the thousand rate (PRICES SUBJECT TO CHANGE)

## Calceolaria



Cissus Antarctica - Kangaroo Vine
Resembles Grape Ivy. Glossy green leaves, deeply toothed.
$\begin{array}{ll}12 & 25 \\ \$ 2 & 25 \\ \$ 4 & 50\end{array} \$ 150$
Cleveland Cherries


## Cyclamen Plants

In separate colors Rose of Zehlendorf, Blood-Red, Bright Red
Lady Mac. $21 / 4-\mathrm{in}$. pots
MarJorle Gibbs. $21 / 4-\mathrm{in}$. pots

## Begonias

## MISCELLANEOUS VARIETIES

| C | 175 | 600 | 5500 |
| :---: | :---: | :---: | :---: |
| Erfordia. Pink | 175 | 600 | 5500 |
| Indian Maid. Deep scarlet. Dark bronze foliage | 175 | 600 | 5500 |
| Luminosa. Dark scarlet. 21/4-in. pot | 175 | 600 | 5500 |
| Primadonna. Rose, shading to carmine. 23/4-in. pots | 175 | 600 | 50 |
| Rex. In a fine assortment. $21 / 4-\mathrm{in}$. pots | 500 | 1600 |  |
| Xmas Cheer. Crimson-scarlet. 21/4-in. p |  | 600 | 550 |
| CHRISTMAS VARIETIES |  |  |  |
| Lady Mac. $21 / 4 \mathrm{in}$. pots. |  | \$6 00 | \$22 00 |
| 21 |  | 650 | 2400 |
| Melior. $21 / 4$-in. pots. |  | 600 | 2200 |

3-in. pots of any of the above Christmas varieties, 25 for $\$ 8.50$;
100, $\$ 32.50$
Browallia
Speciosa (major). Rich blue. Fine for pots or 251001000 baskets. $21 / 4$-in. pots........................... $\$ 1 \quad 75$ \$6 $00 \quad \$ 5500$

## Chinese Evergreen

.$\$ 3$| 25 |
| :--- |
| $\$ 0$ |$\frac{100}{\$ 1200}$

$21 / 4-\mathrm{in}$. pots


Ferns (4-inch and 6-inch pots)
ScottI
Teddy, Jr.
Prices quoted on request
Table Fern Seedlings
Strong plants, ready for potting
Aspidium tsus-simense
Cyrtomium Rochefordianum
Pteris adiantoldes.
Pteris argyraea
Pteris cretica albo-lineata
Pteris Mayl.
Pteris Rivertoniana
Pteris serrulata cristata variegata
Pteris serrulata nana compacta.
Pteris tremula
Pteris Victoriae
Pteris Wilsoni.
Pteris Wimsetti

## Gardenia

Belmont. $21 / 4-\mathrm{in}$.
12 to 25 plants


Veltchl. 4-in. pots. $\begin{array}{llll}\$ 7 & 50 & \$ 12 & 50\end{array} \$ 4750$

## Gerbera Jamesoni - Transvaal Daisy

We offer these in extra-strong, two-year divisions. Wonderful assortment of colors.
Single-flowering, Mixed
$\begin{array}{lll}\$ 4 & 00 & \$ 2500 \\ 6 & 00 & 45\end{array}$

## Double-flowering, Mixed

PLEASE NOTE-Shipments of perishable goods can be made only at your risk
If shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

## Michell's Hydrangeas

The stock offered below is produced by the foremost specialists. Place your order now for Fall Delivery
*Blues easily; E., early; M., midseason; L., late
Flowering shoots per plant:
2 and 3 -in., one shoot; 4 -in., 2 or more; 5 -in., 3 or more;
6 -in., 5 or more; 7 -in., 8 or more.

## NOVELTY

*Merritt's Beauty. Patent applied for. E. Dark carmine-red. Per 100, 3-in., $\$ 40.00$; 4-in., $\$ 50.00$; $5-\mathrm{in}$., $\$ 60.00$; 6-in., $\$ 80.00$; 7 -in., \$125.00.

## 1941 INTRODUCTIONS

Helen Merritt. Plant Patent
No. 276. E. Deep rose.
Aukamm. M. Rose-pink.
Daphne. E. Brilliant pink.
*Elbe. E. Pink.
Forschritt. E. Red. Any of above, per 100 , 3 -in., $\$ 25.00 ; 4$-in., $\$ 35.00 ; 5$-in., $\$ 50.00$; 6-in., \$75.00; 7-in., \$100.00

Signy Hartmann. E. Dark pink.
Sonnengruss. E. Rose.
*Strafford. M. Dark pink.
Wesphalen. E. Carmine.
Wiesbaden. E. Rose-pink.

## HYDRANGEAS-RECENT INTRODUCTIONS

Altoona. E. Clear pink.
Europa. E. Salmon-pink.
Hamburg. E. Carmine.
*Kunert. M. Rose-pink.
Merveille. L. Light red.
*Rosabelle. L. Rose-pink.
*Sch. Perle. M. Pink.

Any of above, per 100,3 -in., $\$ 20.00 ; 4$-in., $\$ 35.00$; 5 -in., $\$ 45.00$; 6-in., \$70.00; 7-in., \$85.00

## EXCELLENT KINDS

Ami Pasquaar. E. Red.
Giselherr. M. Carmine-red.
Louis Savage, L. Dark pink.
Hollandia. L. Salmon-red.
Mein Liebling. E. Dark pink.
Any of above, per 100,3 -in., $\$ 18.00 ; 4$-in., $\$ 35.00 ; 5$-in., $\$ 45.00$;
6-in., \$70.00; 7-in., \$85.00

## STANDARD VARIETIES

Deutschland. E. Salmon-pink.
E. Mouillere, E. White.
*Gertrude Glahn. M. Dark rose.
*Goliath. M. Dark rose.
*M. Foch. E. Deep carmine.
*Niedersachsen. E. Light pink.
*Otaksa. L. Pink.
M. Baardse. E. Salmon-red.

Steinmetz. E. Pink
Our selection of the above, per 100, 3-in., \$15.00; 4-in., \$30.00; 5-in., \$40.00; 6-in., \$60.00; 7-in., \$75.00

Norwood. E. Deep pink. Per 100, 3-in., $\$ 40.00$; 4 -in., $\$ 50.00$;
$5-\mathrm{in} ., \$ 60.00$; 6 -in., $\$ 80.00$; 7-in., $\$ 125.00$.

## Geranium

## ONE OF OUR SPECIALTIES

Our stock is grown for us by specialists and is personally inspected by us, which insures flowering qualities and trueness.

Prices quoted are for Fall Delivery and will likely be advanced after January

## Three New Varieties of Great Merit

HARRIET ANN. A vigorous grower, free from disease. Large trusses of cerise flowers with yellowish cast, the two upper petals carrying a white blotch with a yellow sheen. Individual flowers very large. $21 / 4$-in. pots.............................. $\$ 2$ 00 \$3 50 \$12 00
FIAT QUEEN. Lighter pink than Fiat.
Petals serrated. Free bloomer. 2-in. pots. $300 \quad 550 \quad 2000$
ROSETTE. Double maroon flowers. 21/4-
in. pots.
$200 \quad 350 \quad 1200$
50 at 100 rate

## NEWER AND STANDARD VARIETIES <br> $21 / 4$-in. pots

We take the greatest pains to supply only the best quality of this important stock. Our Geraniums will produce flowers. No order will be executed for less than 25 plants of any one variety. Order carly.

Alphonse Ricard, Bright vermilion.
Beaute Poitevine, Light salmon.
Flat Salmon-Pink
Irvington Beauty. Rose-pink.
Mme. Buchner. Double; white
Mme. Landry. Light rose-pink.
Moreau Ricard. Very large heads of brilliant scarlet
Olympic. One of the best reds
Pride of Camden. Scarlet
Radio. Intense scarlet
Sensation. Red.

| 100 | 1000 |  |
| ---: | ---: | ---: |
| $\$ 7$ | 00 | $\$ 60$ |
| 7 | 00 |  |
| 7 | 00 | 60 |
| 7 | 00 |  |
| 7 | 00 | 65 |
| 00 |  |  |
| 7 | 00 | 60 |
| 7 | 00 |  |
| 7 | 00 | 60 |
| 7 | 00 |  |
| 8 | 00 | 65 |
| 00 | 75 | 00 |
| 7 | 00 | 60 |
| 7 | 00 |  |
| 7 | 00 | 60 |
| 7 | 00 | 60 |
| 7 | 00 |  |
| 7 | 00 | 60 | 00

English. Broad Ieaves. Rooted cuttings 21/4-in. pots

$$
000
$$

$6150 \quad \$ 1500$

Maple Queen. Plant Patent No. 429. Rooted cuttings . 21/2-in. pots.
Merion Beauty. Rooted cuttings. 21/4-in. pots.
Hahn's Miniature Leaf. Rooted cuttings 21/4-in. pots.
Hahn's Self-branching. Rooted cuttings . . . . . . . . . . . . 40003500 21/4-in. pots.
Sylvanian Beauty. Plant Patent No. 430.

$21 / 2-\mathrm{in}$. pots

1500
$700 \quad 6000$
700
1500
1500

1000
$\$ 400 \quad \$ 3500$ $\begin{array}{lllll}\$ 3 & 00 & 10 & 00 & 90 \\ 00\end{array}$
$400 \quad 3500$

## 1500

$\qquad$
ALL PRICES SUBJECT TO MARKET CHANGES


## Pelargoniums

No orders filled for less than 25 plants of any variety


Plants travel best by Express. No Plants sent C. O. D.

## Peperomia

Sandersi (Watermelon Begonia). 21/4-in. pots

| 25 | 100 |  |
| ---: | ---: | ---: |
| $\$ 3$ | 50 | $\$ 1100$ |
| 300 | 900 |  |
| 5 | 00 | 1600 |

## Philodendron

Cordatum. 21/4-in. pots. 2 plants per pot. . . . . . . . . . . 3001100
Cordatum. 3-in. pots
$700 \quad 2500$

| Poinsettia |  |  |
| :---: | :---: | :---: |
| Ready July to September | 100 | 1000 |
| Oak-leaved. The best of all. $21 / 4 \mathrm{in}$. pots. | \$9 00 | \$85 00 |
| Mrs. P. Ecke. $21 / 4-\mathrm{in}$. pots. | 1000 | 9500 |
| Ruth Ecke. $21 / 1 / \mathrm{in}$. pots. | 1000 | 9500 |
| Pink. $21 / 4 \mathrm{in}$. pots. | 900 | 8500 |
| White. $21 / 4$-in. pots | 900 | 8500 |

## Pothos Aureus

Excellient foliage plants for baskets and boxes. Foliage is golden ractled green. 25 21/2-in. pots . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $\$ 3$ 30 $\$ 1200$

| Primula |  |  |
| :---: | :---: | :---: |
| Obconlca, Fasbender. Crimson. $21 / 4-\mathrm{in}$. p | \$7 |  |
| Obconica, Mo | 700 | 6500 |
| Obconica, Mu | 00 |  |
| Obconica, Friesdorfer. Salmon. $21 /$ | 700 | 550 |
| Obconica alba. 21/4-in. pots | 00 | 65 |
| Obconica, Apple-Blossom. Pink. 21/4-in. pots | 700 | 65 |
| Obconica cærulea. Blue. $21 / 4-\mathrm{in}$. pots |  | 6500 |
| bconica salmonea. 21/4-in. |  | 6500 |
| All Obconica varieties, per 100, $3-\mathrm{in}$. pots, $\$ 17.50$ |  |  |
| Malacoides Erikssoni, Baby Rose. $21 / 4-\mathrm{i}$ |  |  |
| les Erikssoni, Brilliancy. |  |  |
| Malacoides alba. $21 / 4 \mathrm{in}$. |  |  |
| alacoides, Salmon Beauty. $21 / 4$-in. pots |  | $5500$ |

## Saintpaulia - African Violet

We offer extra-fine quality of this desirable pot-plant. 25100 Blue Boy. Violet-blue. 2-in. pots
\$4 $00 \quad \$ 1200$

| Pink Beauty. Plant Patent No. 514. $21 / 4$-in. pots. $\$ 100$ <br> No orders accepted for less than 100 plants |
| :---: |
| 1000 |

## Sansevieria

| Hahni, Comp | 25 | 100 |
| :---: | :---: | :---: |
| $21 / 2$-in. pots | \$5 50 | \$20 00 |
| $3-\mathrm{in}$. pots | 900 | 3500 |
| 4 -in. pots | 1300 | 5000 |
| Laurenti. |  |  |
| 21/4-in. pots | 500 | 1600 |
| Zeylanica, Rosette Type | 250 | 750 |
| Erect Type | 250 |  |
| Smilax |  |  |
| Extra-strong, 21/4-in. pots. . . . . . . . . . . . . . . . . . . . . . . . $\$ 450$ \$ ${ }^{\text {d }} 00$ |  |  |
| Stevia |  |  |
| Double True Half Dwarf. $21 / 4 \mathrm{in}$. pots | 500 | 4500 |
| Pride of Cincinnati. $21 / 4 \mathrm{in}$. pots. | 500 | 4500 |
| Succulents |  |  |
| Standard Grade, Assorted Varieties. $21 / 4-\mathrm{in}$. pots ... $\$ 250$ \$900 |  |  |
| Tolmiea Menziesi - Piggy-Back Plant |  |  |
| Ideal for hanging pots and baskets. Strong Rooted Plants | $\$ 3^{25} 00$ | $\begin{aligned} & 100 \\ & \$ 800 \end{aligned}$ |
| Vinca Variegata 100 |  |  |
| Clumps, field-grown | \$800 | \$70 00 |
| Layer Plants |  | 2000 |
| Rooted Cuttings | 200 | 1750 |
| 21/4-in. pots |  |  |

Vitis - Grape lvy

Seedlings
PANSY SEEDLINGS
Produced from Michell's Glant Exhlbition strain of seed in choic-

| mix | 100 | 500 | 1000 |
| :---: | :---: | :---: | :---: |
| Mixed | \$1 00 | \$3 00 | \$500 |
| Transplanted Plants. |  | 600 | 1000 |

## MYOSOTIS SEEDLINGS

Alpestris, Victoria. Splendid stock.............. $125 \quad 500900$
DAISY OR BELLIS PERENNIS SEEDLINGS
In Monstrosa or Giant-flowering type
White, Pink and Red, each separate. . . . . . . . . . 100
400
700
Not less than 100 Seedlings of a kind sold
These travel best by Parcel Post. Add 20c per 100 for postage.
ALL PRICES SUBJECT TO MARKET CHANGES

# FOR ROCK-GARDENS, LANDSCAPING, CUT-FLOWERS, AND HOME-GARDENS 

All Perennials Offered on the Following Pages Are Field-Grown Plants, Except Where Noted. Use Perennials for Summer Cutting, for Forcing in the Winter, and for Landscaping and Rockeries.

|  | 10 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Astarte. Double; dark violet
Eumee. Single; dark violet.
Gold Bound. Fine double; pure white
Hercules. Double; clear lilac
Kagaribi. Lavender with yellow spot
Koko-no-iro. Purple and gold
Mahogany. Purplish mahogany-red
Proserpine. Single; rich blue on white
Rose Anna. Double; ivory-white, ruby-red veins
Violet Ray. Violet-red
William Tell. Cream-white with Iilac

LATH YRUS latifolius, Pink Beauty Latifolius, Red
Latifolius, White Pearl
LIATRIS elegans. White and rose
Scariosa. Purple.........
September Glory. Purple
PAPAVER ORIENTALE
Beauty of Livermore. Dark crimson
Jeanne Mawson. Bright pink
Olympia. Double; Hame-scarlet
Orientale. Large; crimson-scarlet
Perfection. Shell-pink
Mrs. Perry. Salmon-pink
Wurtembergia. Dark scarlet

## Iris Kaempferi

| 200 |  |
| :---: | :---: |
| 50 | 1000 |
| 00 | 1500 |
| 50 | 1000 |
| 00 | 1500 |
| 00 | 1500 |
| 00 | 1500 |
| 50 | 1000 |
| 00 | 1500 |
| 00 | 1500 |
| 00 |  |
| 50 | 10 |
| 50 | 1000 |
| 50 | 10 |
|  | 15 |
| 50 | 1000 |
| 00 | 1500 |
| 50 |  |
| 50 | 2000 |
| 50 | 1000 |
| 50 | 1000 |
| 250 | 2000 |
| 50 | 1000 |
| 50 | 1000 |

500
1000
1000
700
000
500
1200
00
500
700

All plants travel at buyer's risk
No orders sent C. O. D.

# Phlox stands among the half-dozen most popular perernials 



Festiva Maxima Peonies

## Michell's Peonies

A Select List of the Best Varieties
The divisions of varieties listed are of 3 to 5 eyes from two-year-old clumps, with balanced roots, free from disease, and absolutely true to name.
Albatre. Pure white, carmine on center petal
Alexandre Dumas. Brilliant pink
\$2 $10 \quad 100$

Felix Crousse. Medium bright red
Festiva Maxima. White, crimson markings
Germaine Bigot. Excellent pink
Karl Rosenfield. Pure rich crimson
La Perle. Lilac-white.
Marie Jacquin. White
Mme. Ducel. Silvery pink
Mons. Jules Elie. Glossy Iilac-pink
Philomele. Violet-rose
President Roosevelt. Brilliant red
$\$ 2 \quad 50 \quad \$ 20 \quad 00$

President Taft. Hydrangea-pink
Princess Beatrice. Large; violet-rose, cream-white collar Sarah Bernhardt. Light pink $200 \quad 1600$

Sarah Bernhardt. Light pink
$200 \quad 1500$
$200 \quad 1500$
$150 \quad 1000$
$200 \quad 1500$
$250 \quad 2000$

Umbellata Rosea. Pink

## Hardy Phlox . Phlox decussata



## Michell's Roses

We supply extra-strong, 2-year-oId budded stock, strictly A No. 1 Grade. Ready November and December.

## EVERBLOOMING HYBRID TEA ROSES

Autumn. Orange
Condesa de Sastago. Copperscarlet and gold.
Dame Edith Helen. Pink
Edel. White with ivory shading
E. G. Hill. Scarlet.

Golden Dawn.
Gruss an Teplitz. Red
Joanna Hill. Yellow.
Kaiserin A. Viktoria. White.
Margaret McGredy. Orangescarlet.
McGredy's Scarlet.

## HYBRID PERPETUAL ROSES

Frau Karl Druschki. White.
Henry Nevard. Crimson-scarlet. Magna Charta. Rose-pink. yellow. orange base.
Radiance. Pink.
Red Radiance. Cerise. yellow. salmon-yellow.

Mme. Juies Bouche. White
Mrs. P. S. du Pont. Rich reddish gold opening to a deep golden

Mrs. Charles Bell. Pink.
Mrs. E. P. Thom. Yellow
Pink Dawn. Deep rose-pink with

Sister Therese. Rich daffodil
Talisman. Yellowish copper.

Mme. Albert Barbier Large;
Mrs. John Laing. Light pink.
Paul Neyron. Rose-pink.
Prices of above, per $10, \$ 4.00$; per $100, \$ 35.00$

## POLYANTHA ROSES

Dagmar Spaeth. Large pure Mrs. R. M. Finch. Rosy pink.
white trusses.
Gloria Mundi. Orange-scarlet.
Golden Salmon. Orange.
Ideal. Crimson.
Prices of above, per $10, \$ 4.00$; per $100, \$ 35.00$
CLIMBING ROSES
Climbing American Beauty. Jacotte. Yellow.

| Rose. <br> Paul's Scarlet. <br> Silver Moon. W |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

Emily Gray. Yellow.
Prices of above, per $10, \$ 4.00$; per $100, \$ 35.00$


Rose-Garden at Hershey

## Michell's Grass Seed Mixtures

Price should not be the prime consideration when buying Grass Seed. Low-quality seed may be the cause of endless trouble, in addition to setting the result of expensive labor and preparation at naught.

Our connections with the most reliable producers in this country and abroad place us in a position of advantage for our supplies, chiefly because of the large volume of Grass Seed for which we contract. We are always pleased to submit samples, with prices, for comparison and let our customers be the judge.

Special Instructions
All Standard Lawn and Grass Seed Mixtures are sold as follows:

$$
\begin{array}{lrr}
1 \mathrm{lb} . & 5 \mathrm{lbs} . & 25 \mathrm{lbs} . \\
3 \mathrm{lbs} . & 10 \mathrm{lbs} . & 100 \mathrm{lbs} .
\end{array}
$$

## For the Lawn

Michell's Clover Lawn. Mixed with a most liberal quantity of best recleaned white clover. Especially suited to take firm hold and grow quickly on hard, worn-out, or burned spots; excellent for seashore lawns. Lb. $55 \mathrm{c} . ; 3 \mathrm{lbs} . \$ 1.55 ; 5 \mathrm{lbs} . \$ 2.50 ; 10 \mathrm{lbs} . \$ 4.85 ; 25 \mathrm{lbs} . \$ 11.75$; 100 lbs. $\$ 44.00$.
Michell's Top-Notch. The top-notch of quality. A perfectly blended combination of quick-growing, very compact, fine-bladed grasses that will produce a perfect lasting turf in a few weeks. 5 lbs. $\$ 2.50$; 10 lbs. $\$ 4.85 ; 25$ lbs. $\$ 11.75 ; 100$ lbs. $\$ 44.00$.
Michell's Superior Bent. This mixture is composed of the finest grasses obtainable, consisting chiefly of the leading Bent varieties. We recommend sowing this formula at the rate of 1 pound to 300 square feet. Lb. 70 c. ; 5 lbs . $\$ 3.30$; 10 lbs . $\$ 6.50 ; 25 \mathrm{lbs}$. $\$ 15.75$; $100 \mathrm{lbs} . \$ 60.00$.
Michell's Green Velvet. Produces a perfect lawn in four to five weeks' time. Lb. $45 \mathrm{c} . ; 3 \mathrm{lbs} . \$ 1.30 ; 5 \mathrm{lbs} . \$ 2.10 ; 10 \mathrm{lbs} . \$ 4.00 ; 25 \mathrm{lbs} . \$ 9.75$; 100 lbs. $\$ 36.00$.
Michell's Evergreen. The standard lawn mixture. Lb. 35c.; 3 lbs. $\$ 1.00$; 5 lbs. $\$ 1.65 ; 10$ lbs. $\$ 3.25 ; 25 \mathrm{lbs} . \$ 7.75 ; 100 \mathrm{lbs}$. $\$ 28.00$.
Michell's Fairmount Park Lawn. Very satisfactory mixture for general lawn-making. Lb. 30c.; 3 lbs. 80c.; 5 lbs. $\$ 1.30$; 10 lbs . $\$ 2.50$; 25 lbs. $\$ 5.75$; $100 \mathrm{lbs} . \$ 20.00$.
Michell's Greendel Lawn Seed. A quick-growing formula, producing a very satisfactory turf. Recommended for landscape work where price is an important consideration. 5 lbs. $\$ 1.15$; $10 \mathrm{lbs} . \$ 2.25$; 25 lbs . $\$ 5.00$; 100 lbs . $\$ 18.00$.

## For the Farm

Michell's Permanent Pasture Grass Seed. Sow 80 to 100 pounds per acre on new lands or 40 to 50 pounds per acre on established pastures. 5 lbs . $\$ 1.80 ; 10 \mathrm{lbs} . \$ 3.50 ; 25 \mathrm{lbs} . \$ 8.25 ; 100 \mathrm{lbs} . \$ 30.00$.
Michell's Permanent Hayfleld Grass Seed. Sow 80 to 100 pounds per acre on new lands or 40 to 50 pounds per acre on established frelds. 5 lbs. $\$ 1.65$; $10 \mathrm{lbs} . \$ 3.25 ; 25 \mathrm{lbs}$. $\$ 7.75$; 100 lbs . $\$ 28.00$.

## High-Grade Farm Seeds

We carry a complete line of all Clovers and miscellaneous Farm Seeds which are too numerous to list here. Constant market fluctuations on Farm Seeds make it inadvisable to list prices. We will be pleased to quote on application. Please specify quantity required.

## White Dutch Clover

Choice recleaned seed for lawn use. Lb. \$1.10.; 5 lbs. $\$ 5.00$; 10 lbs . $\$ 9.50 ; 25 \mathrm{lbs} . \$ 23.00 ; 100 \mathrm{lbs} . \$ 90.00$.

## For Special Conditions

Michell's Shaded Lawn. Will produce a perfect sward in the most densely shaded places. Lb. 45 c .; 3 lbs . $\$ 1.30$; $5 \mathrm{lbs} . \$ 2.10 ; 10 \mathrm{lbs}$. $\$ 4.00$; 25 lbs. $\$ 9.75 ; 100 \mathrm{lbs}$. $\$ 36.00$.

Michell's Terrace or Embankment. A mixture of long-rooted grasses that hold soil and prevent washouts, unless too steep. Lb. 45 c .; 3 lbs. $\$ 1.30 ; 5$ lbs. $\$ 2.10 ; 10 \mathrm{lbs}$. $\$ 4.00 ; 25 \mathrm{lbs} . \$ 9.75 ; 100 \mathrm{lbs} . \$ 36.00$.
Michell's Seashore Formula. Contains grasses that thrive in salt-air regions and seashore resorts. Lb. $45 \mathrm{cc} . ; 3 \mathrm{lbs} . \$ 1.30 ; 5 \mathrm{lbs} . \$ 2.10$; 10 lbs. $\$ 4.00 ; 25 \mathrm{lbs}$. $\$ 9.75$; 100 lbs . $\$ 36.00$.
Michell's Special Sod. Produces a heavy sod in a short time. Excellent for cemetery use. Lb. $45 \mathrm{c} . ; 3 \mathrm{lbs}$. $\$ 1.30 ; 5 \mathrm{lbs}$. $\$ 1.90 ; 10 \mathrm{lbs}$. $\$ 3.75$; $25 \mathrm{lbs} . \$ 8.75 ; 100 \mathrm{lbs} . \$ 32.00$.
Michell's Southern States Evergreen. Made up especially for dry, hot localities. Lb. $35 \mathrm{c} . ; 3$ lbs. $\$ 1.00 ; 5$ lbs. $\$ 1.65$; 10 lbs . $\$ 3.25$; 25 lbs. $\$ 7.75 ; 100$ lbs. $\$ 28.00$.

If Grass Seeds are wanted by Parcel Post, add for postage as follows: 10 c . per 1 lb .; 12 c . per $3 \mathrm{lbs} . ; 15 \mathrm{c}$. per 5 lbs .; 20c. per 10 lbs . Prices quoted are to 1st and 2d zones. Larger quantities by Express or Freight.

## For Pleasure Grounds

Michell's Athletic Field Mixture. A special mixture of deep-rooting, fine-leaved grasses suited for baseball, football and cricket-grounds. 5 lbs. $\$ 1.90 ; 10$ lbs. $\$ 3.75 ; 25$ lbs. $\$ 8.75 ; 100$ lbs. $\$ 32.00$.
Michell's Fairways (Golf-Course) Mixture. Composed of shortgrowing, deep-rooted varieties, resisting plenty of wear. Golf-courses, to retain their permanency, should receive additional sowings all season. 5 lbs. $\$ 1.90$; 10 lbs . $\$ 3.75$; 25 lbs . $\$ 8.75$; 100 lbs . $\$ 32.00$.
Michell's Putting Greens Mixture. A quick-growing mixture of short, thin-bladed grasses, producing a turf of velvety texture. We recommend 100 pounds to a green 100 feet square. Lb. 75 c .; 5 lbs . $\$ 3.60$; 10 lbs . $\$ 6.80 ; 25 \mathrm{lbs}$. $\$ 16.50$; 100 lbs . $\$ 64.00$.
Michell's Tennis Court Mixture. A special combination of grasses that will withstand close mowing, frequent rolling, and heavy wear. 5 lbs. $\$ 3.00 ; 10 \mathrm{lbs} . \$ 5.75 ; 25 \mathrm{lbs}$. $\$ 13.75 ; 100 \mathrm{lbs}$. $\$ 52.00$.

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Prices for larger quantities of Grass Seed on application
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## Michell's Reliable Grass Seeds. Separate Varieties

All Strictly Recleaned and Carefully Tested for Purity and Germination
On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request.

Bent Grass, Certified Seaside (Agrostis maritima). Very highest quality, certified and sealed in 50 - and 100 -pound bags by the Oregon Department of Agriculture. True creeping varicty of Bent; makes an ideal putting-green turf. Lb. $\$ 1.25 ; 10 \mathrm{lbs} . \$ 10.00$.
Bent Brass, Astoria. Lb. $\$ 1.25 ; 10 \mathrm{lbs} . \$ 10.00$.
Bent Grass, Colonial (A.tenuis; A. capillaris). Lb. $\$ 1.25 ; 10 \mathrm{lbs} . \$ 10.00$.
Bent Grass, South German Mixed (A. stolonifera). Lb. $\$ 1.50 ; 10 \mathrm{lbs}$. $\$ 12.50$.
Bent, Velvet (A. canina). The finest textured of all the turf grasses. Raritan. Lb. $\$ 3.50$.
Bermuda Grass (Cynodon Dactylon). Lb. $70 \mathrm{c} . ; 10 \mathrm{lbs} . \$ 6.50$.
Blue Grass, Kentucky (Poa pratensis).
Fancy. Lb. $40 \mathrm{c} . ; 10 \mathrm{lbs} . \$ 3.50$.
Superfine. Lb. $45 \mathrm{c} . ; 10 \mathrm{lbs}$. $\$ 3.85$.
Blue Grass, Canada ( $P$. compressa). Lb. $55 \mathrm{c} . ; 10 \mathrm{lbs} . \$ 5.00$.
Fescue, Chewing's New Zealand, Imported (Festuca rubra fallax). Lb. 70 c .; 10 lbs . $\$ 6.50$.
Fescue, Genuine Red Creeping (F.rubra). Lb. 70c.; 10 lbs. $\$ 6.50$.

Fescue, Meadow ( $F$. pratensis). Lb. $55 \mathrm{c} . ; 10 \mathrm{lbs} . \$ 5.00$.
Fescue, Hard, Imported (F. duriuscula). Lb. 85c.; 10 lbs. $\$ 8.00$.
Fescue, Sheep's, Imported ( $F$. ovina). Lb. $85 \mathrm{c} . ; 10 \mathrm{lbs} . \$ 8.00$.
Orchard Grass (Dactylis glomerata). Lb. $60 \mathrm{c} . ; 10 \mathrm{lbs} . \$ 5.50$.
Red-Top (Agrostis vulgaris). One of the best grasses for immediate effect and as a nurse grass in lawn mixtures. It is fine bladed if mowed regularly. Adaptable to adverse soil-conditions.
Fancy. Lb. 25c.; 10 lbs. $\$ 2.00$.
Superfine. Lb. $30 \mathrm{c} . ; 10 \mathrm{lbs}$. $\$ 2.50$.
Rough-stalked Meadow, Imported (Poa trivialis). Lb. \$1.00; 10 lbs. $\$ 9.00$.
Rye Grass, Domestic. Lb. 20c.; 10 lbs. $\$ 1.75$.
Rye Grass, English or Perennial, Imported (Lolium perenne). Lb. 30c.; 10 lbs. $\$ 2.75$.
Rye Grass, Pacey's English, Imported (L. perenne Paceyi). Lb. 30c.; 10 lbs. \$2.85.
Rye Grass, Italian (L. italicum). Lb. 20c.; 10 lbs. $\$ 1.75$.
Timothy (Pbleum pratense). 45 lbs . per busheI. Lb. 20c.; $10 \mathrm{lbs} . \$ 1.50$.

## Michell's "Distinctive" Flower Seeds

"Distinctive" Strains of Flower Seeds for the florist are one of our specialties, and no troable or expense is spared in our endeavor to supply only the best and most improved strains, from both home and foreign growers.

For full descriptions see our Retail Catalog, a copy of which will be mailed free upon application.
NOTE-Half trade packets are supplied only where listed; where smaller quantities are wanted, retail packets may be ordered at a discount of $331 / 3$ per cent from our Retail Catalog prices.

Deduct $5 \%$ discount on Flower Seeds only if cash accompanies order

## SEEDS OF ANNUALS AND GREENHOUSE PLANTS

## ANTIRRHINUM•Snapdragon SPECIAL FORCING VARIETIES




Antirrhinum (Snapdragon)
*Ethel. (Kramer.) Bright golden yellow. Finest $1 / 2$ trade Trade 3 Trade early winter bloomer. . . . . . . . . . . . . . . . . . . . . . . $\$ 1 \begin{array}{ll}50 & \$ 400\end{array}$
*Gilbert's Pink Queen Supreme. Clear pink... $150 \quad 400$
*Glorious. (Frank.) Bronzy scarlet.............. $100 \quad 250$
Glorious. Bronzy scarlet.
00250
*Ivory. (Rockwood.) A rich ivory shade.
$200 \quad 500$
*Jersey Maid. (Schnitzspahn.) Early. Medium pink.
$200 \quad 500$
Klondyke Supreme. New. Deep golden yellow. Early. Extra fine

100250
*Koester's White. Early. Pure white.......... . $150 \quad 400$
La France. Ruffled, satiny pink. Excellent strain.......................... 150
Lavender Rose. Lavender and rose. Early..... $\quad 150 \quad 400$
Lucky Strike. Large-flowering white. .......... $\$ 060 \quad 100 \quad 250$
*Maiden's Blush. (Thomson.) Apple-blossompink
*Marle Louise. (Raasch.) Seashell-pink. ........ . $150 \quad 400$
*Marion White. (Schumann.) A real white..... 150400
Naoml. (Micbell's Introduction.) Brilliant rosepink.
$150 \quad 400$
*New Dawn. (Thomson.) Golden orange. ....... $100 \quad 250$
*Peggy Schumann. Clear, bright pink.......... . $200 \quad 500$
*Radiance. (Thomson.) Large-flowering rosepink
$100 \quad 250$
Rose Queen. Dark pink. . . . . . . . . . . . . . . . . . . . $60 \quad 100 \quad 250$
*Schaffroth's Early Pink. Beautiful rose-pink... $\quad 200 \quad 500$
*Schumann's Lavender. Early. Lavender.... 200500
*Schumann's Yellow. Clear bright yellow..... $200 \quad 500$
Snow White. Late white for Easter.
*St. Louis Pink. (Rowe.) Early. Silvery pink.
*Sunset. (Breitmeyer.) Golden bronze .
Sun Tan. Rose-tan.
*Talisman. (Windmiller.) All-double bronze
*Terry's Surprise. Improved. Rose shaded bronze.
*Velvet Beauty. (Schrock.) American-beauty red .
*Westover Fringed White. (Westover.) New York Market white
*White Prosperity. (Schneider.) Clear white.
White Rock. Early pure white. . $\$ 1.00$ per $1 / 80 z$.
*Windmiller's Lilac. Early. Orchid. Excellent.
*Yellow Cheviot Maid. (Volz.) Clear yellow.
Michell's Special Forcing Mixed . . $1 / 80 z . \$ 1.00$

$150 \quad 400$
$150 \quad 400$
$100 \quad 250$
$200 \quad 500$
$150 \quad 400$
00250
$00 \quad 250$
150400
50
$150 \quad 400$
100250

Half trade packets can be supplied only where listed
Note: Varieties marked (*) are in original grower's packets.

## Asparagus Plumosus Nanus

This has been one of our specialties for many years. Our seeds are of high germination and will produce extra-fine stock.
Greenhouse-grown Seeds.

| 100 seeds. | \$0 50 | 5,000 seeds . | \$16 00 |
| :---: | :---: | :---: | :---: |
| 1,000 seeds. | 350 | 10,000 seeds . | 2800 |
| Lathhouse-grown Seeds. |  |  |  |
| 100 seeds. | \$0 35 | 5,000 seeds | \$7 00 |
| 1,000 seeds. | 180 | 10,000 seeds | 1300 |
|  | Asparagus Sprengeri |  |  |
| 100 seeds. | \$0 35 | 5,000 seeds | \$7 00 |
| 1,000 seeds. | 180 | 10,000 seeds | 1300 |
| Larger quantities of Asparagus seed quoted on application. |  |  |  |

ALL PRICES SUBJECT TO MARKET CHANGES

## Begonia Semperflorens

As bedding plants there is nothing more satisfactory; also fine as potplants. Seeds sown in January make excellent flowering plants in May, DARLING. The plants are of ball shape and dwarf habit, growing approximately 8 inches high. Flowers are large and of a very brilliant carmine-rose. This variety is most effective for beds and borders and is also well adapted for growing in pots. $1 / 2$ trade pkt. 75 c. trade pkt. \$1.25. Trade pkt. 1/3202. Albert Martin. Bright carmine........................ 0 75 $\$ 200$ Christmas Cheer. An excellent variety for growing in

$$
\text { pots. Bright crimson-scarlet. Fine for Christmas forcing } 100 \quad 300
$$ Christmas Pink. Identical to above, except color which is a delightful shade of warm rose-pink....1/640z. $\$ 3.00$ Erfordia. Pink

Glow. Dark red flowers. Foliage light bronze. ..........
Ile de France. New. Undoubtedly the ftnest white. The foliage is light green and the flowers are $11 / 4$ to $11 / 2$ inches across. Pure white with bright yellow stamens; compact form...........................1/640z. $\$ 2.50$ 100
75 $\begin{array}{llll}1 & 75 & 2 & 00 \\ 100 & 250\end{array}$

King of the Reds. Very dwarf. Glowing scarlet
1/6402. \$2.25.
Masterpiece. We believe this to be the largest flowered frbrous-rooted Begonia. Flowers are a clear rose-pink and completely cover the foliage ......1/64OZ. $\$ 3.50$. Scandinavia. Large-flowered pink. Excellent pot variety for winter flowering .
$1 / 640 z, \$ 2.25$
$1 / 32$ Oz. $\$ 1.00$. $\qquad$
.... . . . . . . . . . . . . 1/8402. \$2.25. . 100
Choice Mixed

## Begonia Gracilis

Trade plkt. $1 / 3202$.
Alba. Pure white . . . . . . . . . . . . . . . . . . . . . . . . . . . .... $\$ 0$ 00 50 \$1 00
Carmen. Bright pink flowers. Bronze foliage. $1 / 60$ z. $\$ 2.50 .100$
Dwarf Luminosa. Extra dwarf. Scarlet flowers. Bronze foliage
Indian Maid. A fine variety with bright, deep scarlet flowers and dark bronze foliage .........1/640z. $\$ 3.00$
Luminosa. Fiery dark scarlet
Prima Donna. Rose, shading to carmine.
Rosea. Pink
White Pearl. Rich, fine white flowers
100

## Calendula . Pot Marigold

 Trade pkt. Oz . $1 / 1 \mathrm{lb}$.MICHELL'S SUNBEAMS. An exclusive Michell's Novelty. This is a very choice florists' cut-flower-an exquisite blending of many delightful shades and color combinations.

$$
1 / 4 \mathrm{oz} .60 \mathrm{c} \ldots \$ 040 \quad \$ 200 \quad \$ 650
$$

MICHELL'S SPECIAL FORCING ORANGE.
An extra-fine strain. Very large, double flowers of deep orange. Excellent for forcing.
Ball Gold. An extra long-stemmed, deep golden 1/40z. 60c.
Ball Lemon Queen. Medium deep yellow, with
an attractive dark brown center... $1 / 4 \mathrm{oz}$. 60 c . .
Bail Long Orange. Long-stemmed; orange with
Ball Orange. Large, double, glowing orange flowers on long stems . . . . . . . . . . $1 / 4 \mathrm{oz} .60 \mathrm{c}$.
Ball White. Soft creamy yellow. .... 1/40z. 60c.
Ball Mixture.
$1 / 4$ oz. 50 c. .
Campfire (Sensation). Brilliant orange with scarlet sheen; yellow center....... $1 / 402.60 \mathrm{c} . .$.
Chrysantha, Sunshine. Clear buttercup-yellow, long, Ioosely arranged petals
Orange Shaggy. Petals long and deeply fringed or laciniated, deep orange.

| 30 | 1 | 00 | 3 | 00 |
| :--- | :--- | :--- | :--- | :--- |
| 40 | 2 | 00 | 6 | 50 |
| 40 | 2 | 00 | 6 | 50 |
| 40 | 2 | 00 | 6 | 50 |
| 40 | 2 | 00 | 6 | 50 |
| 40 | 2 | 00 | 6 | 50 |
| 30 | 1 | 50 |  |  |
| 40 | 2 | 00 | 6 | 50 |
| 20 |  | 60 | 1 | 75 |
| 20 |  | 60 | 1 | 75 |

## Candytuft . Iberis

Michell's Giant White. Produces immense spikes of pure white bloom and is a superior strain. The best for forcing under glass for cutting and for pot-culture. Trade pkt. 20c.; oz. 75 c . $; 1 / 4 \mathrm{lb} . \$ 2.25 ; 1 / 2 \mathrm{lb} . \$ 4.00$; 1b. \$7.50.

Lavender . . . ....
Purple
Rose-Cardinai. Rosy red

## Centaurea Cyanus - Cornflower

SPECIAL FLORISTS' SUPER GIANT STRAIN. Blooms are fully double, with clear colors and long stems, making this strain an extra-fine one for florists' cut-flower purposes.
Blue Boy. Deep cornflower-blue
Pinkio. Clear deep pink......
Red Boy. The best deep red....
Snow Man. Pure white.........
Choice Mixture. . . . . . . . . . . .
Trade pkt. Oz.

Pinkie. Clear deep pink
Snow Man. Pure white $\$ 015$ \$0 50

Cholice Mixture


Calceolaria, Michell's Ramona

## Calceolaria

## NEW CALCEOLARIA, Michell's RAMONA

This is a Hybrida grandiflora nana type which we are introducing, and we are convinced that it will become very popular with the florists. It is an exceptionally free-flowering variety of dwarf, compact habit. The flowers are large, well shaped, and beautifully tigered, and the mixture contains a fine range of colors in bronze, yellow, and red. An excellent pot-plant for Easter sales. $1 / 2$ trade pkt. 85 c .; trade pkt. $\$ 1.50$;
1/640Z. \$5.00.
$1 / 2$ trade Trade
Albert Kent Hybrids. An excellent English variety for pkt. pkt.
either greenhouse culture or outdoors. Medium-sized
flowers in an excellent mixture........i/640z. $\$ 3.00$. $\$ 0$ 60 $\$ 100$
Feltham Glory. An attractive variety of farrly dwarf
habit with flowers in a splendid color-range from bright scarlet to pure yellow, in self and spotted forms.
Golden Tiger. Multiflora nana type. Bright golden yel-
low flowers, spotted brownish red. Blooms are produced
in masses that completely cover the plant, making it a splendid pot-plant for florists' use ... 1/60z. $\$ 4.00$
Hybrida grandifiora. Choice mixture..... $1 / 640 \mathrm{Oz}$. $\$ 2.50$. . 60 1 00
Hybrida grandifiora compacta. Dwarf . $1 / 6402 . \$ 2.50 \ldots . \quad 60 \quad 100$
Kelway's Perfect Model. Originator's Stock. A very beautiful variety of the large-flowering type, containing a fine range of shades and markings. . . . $1 / 640 \mathrm{oz} . \$ 3.00 \ldots$
Multifiora nana hybrlda. Free-flowering type, with average-sized blooms about $11 / 2$ inches in diameter, in a choice mixture of orange, gold and Iemon colors,


## Michell's Cinerarias

## CREMER'S PRIZE STRAIN. Wilt-resistant

This excellent new strain is the result of a cross between Multiflora nana, Hybrida grandiflora, and Stellata. The flowers are larger than Multiflora. Plants very compact with small leaves. Choice mixed colors. Original trade pkt. $\$ 1.50 ; 1 / 64$ Oz. $\$ 2.25 ; 1 / 320 z . \$ 4.00 ; 1 / 16 \mathrm{Oz} . \$ 7.50$.
MULTIFLORA, WEISSENSEER (WHITE SEA). A new variety with flowers almost twice as large as the regular Multiflora nana strain. It comes in a fine range of blue, rose, and red shades, with each flower having white-zoned center. Plants small-leaved and of dwarf habit. $1 / 2$ trade pkt. 75c.; trade pkt. $\$ 1.25 ; 1 / 640 \mathrm{O} . \$ 2.25 ; 1 / 32 \mathrm{Oz} . \$ 4.00$.
MULTIFLORA GRANDIFLORA MAXIMA. Flowers extra large and in a wonderful range of colors. Mixed colors only. $1 / 2$ trade pkt. 60c.; trade pkt. $\$ 1.00 ; 1 / 6402 . \$ 2.25$.
HOWARD \& SMITH'S STRAIN. A fine strain of large-flowering Hybrida grandiflora, large-leaved type, grown by a California specialist. Trade pkt. $\$ 1.00 ; 1 / 6402 . \$ 3.00$.
MULTIFLORA NANA, POTSDAM AND BERLIN MARKET STRAIN. Very dwarf and compact. Flowers of medium size. Mixed Colors. $1 / 2$ trade pkt. 60 c .; trade pkt. $\$ 1.00 ; 1 / 6402 . \$ 1.75$; 1/3202. \$3.00.
GRANDIFLORA, PRIZE STRAIN, Dwarf, Mixed. $1 / 2$ trade pkt. 60 c .; trade pkt. $\$ 1.00 ; 1 / 32 \mathrm{oz} . \$ 3.00$.
Medium Tall, Mixed. $1 / 2$ trade pkt. 60 c; trade pkt. $\$ 1.00$; 1/32oz. \$3.00.
Stellata hybrida, Mixed. Tall. Trade pkt. 50c.; 1/64oz. \$1.00.
Deduct $5 \%$ on Flower Seeds only, if cash accompanies order

## Cyclamen

MICHELL'S GIANT SHOW
Note.-Smallest quantity available is 100 seeds of a variety. 250 seeds of one variety at 1000 rate; Iess than 250 seeds of one variety
at 100 rate.
No. 1. Dark Blood-Red 100 seeds 1000 seeds

No. 3. Pure Rose $\$ 180 \quad \$ 1600$

No. 4. Rose of Marienthal. Bright pink 1801600
$180 \quad 1600$
No. 5. White with Carmine Eye
No. 6. Pure White. $180 \quad 1600$

No. 7. Bonfire. Brilliant scarlet
No. 8. America. Salmon-scarlet
$80 \quad 1600$
$40 \quad 2100$
$250 \quad 2300$
$225 \quad 2000$
No. 10. Glory of Wandsbek. Salmon-red
No. 11. Rose of Zehlendorf. Salmon-pink
No. 19. Lavender. Bright lavender
Mixed Colors
Rokoko, Mixed. Large flowers, beautifully fringed
$25 \quad 1800$
$225 \quad 1800$
$180 \quad 1600$
$180 \quad 1600$
$240 \quad 2100$

## VOGT'S NEW DOUBLE FLOWERING

A distinct double flower of ten petals that comes 80 per cent true from seed. Will produce 30 per cent more blooms than the single types and also is fragrant.

100 seeds 1000 seeds
Admiration. A beautiful salmon-rose with shaded eye.. $\$ 3 \quad 50 \quad \$ 2500$
Cerise Brilliant. Large flowers of a rich cerise-red. . . . 3502500
Prosperity. Flaming rose with distinct silvery edging.. . 3502500
Rosea. Soft rose with coral cast, shading light at tips. . $350 \quad 2500$
Mixed Colors

## Didiscus . Blue Lace Flower

Carulea. IMPROVED STRAIN. Lavender-blue, lace-like flowers. Sow seed in September, transfer into small pots, and after 4 weeks plant in a bench, leaving 4 inches between the plants and 1 foot between the rows. Grow in a carnation house temperature. Trade pkt. 25c.; oz. $\$ 1.00$.

## Gypsophila • Baby's Breath



## Leptosyne

An excellent, quick-growing annual for cutting.
Trade pkt. Oz. Maritima. Lemon-yellow Marguerite-like flowers. 2 ft . . $\$ 0 \quad 20$ \$0 75

$$
\text { Linaria } \begin{gathered}
\text { Fine for } \\
\text { pots } \\
\text { pot }
\end{gathered}
$$

Fairy Bouquet, Mixed. Dwarf; Iarge flowering; choice aroccana Hybrids, Mixed. Toadflax. Very showy

## Lupinus (Annual)

Very attractive and popular as a cut-flower. For an early crop, sow seed in September or October, pot up and later transfer to a solid bed. Allow from 12 to 14 inches between the plants. Grow in a temperature of $45^{\circ}$ to $50^{\circ}$.

NEW HARTWEGI or KING (Noveliy)
An improved strain, 3 to 4 feet high, with base-branching habit, each plant producing 4 to 6 spikes of bloom.

Trade pkt. Oz.
KIng Blue, Rich Oxford-blue
\$0 15 \$0 60
King Sky-Blue. Clear light blue
$\begin{array}{rr}15 & \$ 060 \\ 15 & 60\end{array}$
King White. Glistening pure white
Choice Mixture
$15 \quad 60$

STANDARD ANNUAL VARIETIES


ALL PRICES SUBJECT TO MARKET CHANGES

## Larkspur

GIANT IMPERIAL
Identical in branching habit to the Giant Imperial Stock. Flowers very double. Plants of robust habit of growth. 3 to 4 ft .
Pink King. New. Soft, warm salmon-
rose. The florets are fully double, 2
inches across. Earliest flowering of all Trade pkt. Oz. 1/11b.
Larkspur. ......................... $\$ 040$ \$2 00 \$7 00
LILAC KING. New 1942. A true lilac
shade. We believe this to be the best
color in this ever-popular Giant Im-
perial Larkspur
Blue Bell. Clear light blue

| 40 | 2 | 50 |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 25 | 1 | 00 | 3 | 00 | $\$ 10$ | 00 |
| 25 | 1 | 00 | 3 | 00 | 10 | 00 |
| 25 | 1 | 00 | 3 | 00 | 10 | 00 |
| 25 | 1 | 00 | 3 | 00 | 10 | 00 |
| 25 | 1 | 00 | 3 | 00 | 10 | 00 |

Coral King. Blush-pink..........
251003
1000
Exquisite Pink, Improved. An excel-
lent improvement over the old type. Beautiful salmon-pink. Comes practically 100 per cent true.
Exquisite Rose. A beautiful rose-pink.
Gloria. Fine deep rose

| 25 | 1 | 00 | 3 | 00 | 10 | 00 |
| ---: | :--- | :--- | :--- | :--- | :--- | :--- |
| 25 | 1 | 00 | 3 | 00 | 10 | 00 |
| 25 | 1 | 00 | 3 | 00 | 10 | 00 |
| 25 | 1 | 00 | 3 | 00 | 10 | 00 |
| 25 | 1 | 00 | 3 | 00 | 10 | 00 |
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| 25 | 1 | 00 | 3 | 00 | 10 | 00 |
| 25 | 1 | 00 | 3 | 00 | 10 | 00 |
| 25 | 1 | 00 | 3 | 00 | 10 | 00 |
| 25 | 1 | 00 | 3 | 00 | 10 | 00 |
| 20 |  | 80 | 2 | 75 | 9 | 00 |

## COCKADE VARIETIES

A new improved strain of base-branching Giant Imperial type. Symmetrical plants with longer flowering spikes. Trade pkt. Oz. 1/4lb.
Blue Cockade. A rich Iilac-blue
Rose Cockade. Salmon-rose
Sapphire Cockade. Deep lilac
White Cockade. Pure white
Mixed

| .$\$ 0$ | 30 | $\$ 1$ | 00 | $\$ 3$ | 00 |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | 30 | 1 | 00 | 3 | 00 |
| . | 30 | 1 | 00 | 3 | 00 |
| . | 30 | 1 | 00 | 3 | 00 |
|  | 30 | 1 | 00 | 3 | 00 |

TALL BRANCHING STOCK-FLOWERED LARKSPUR
These grow about 4 feet high.

## Dark Blue

Exquisite. Soft pink
$\begin{array}{ccccc}\text { Trade pkt. } & \text { Oz. } & 1 / 1 \mathrm{lb} . & \text { Lb. } \\ \$ 0 & \$ 0 & \$ 0 & \$ 175 & \$ 600\end{array}$

## Lilac.

Lustrous Carmine (Newport Pink)
Shell-Pink

## Marigold, Winter-flowering

New Early-Flowering Winter Harmony, A new quilled scabious type for winter flowering. The center is a golden orange with a single row of reddish brown guard
petals. Uniform in growth. Height $2 \frac{1}{2}$ to 3 feet.
100 per cent double 2 -inch flowers .......11/40z. 60 c . . $\$ 040 \quad \$ 200$
Australian Giant or Tree. A fine variety for forcing. Strong grower with long-stemmed, mahogany-red flowers, having golden yellow crested centers
Lieb's. A new winter cut-flower type. Flowers deep brown, with golden yellow centers......... 1/40z.60c.. 40200

## Matricaria . Feverfew

Ball Strain. A fine pure white with long stems, coming 80 to 85 per cent true, fuII doubles. Fine for greenhouse, as well as outdoors. . . . . $1 / 2$ trade pkt. 30 c .; $1 / 40 \mathrm{z} . \$ 1.7550$
Double White. Fine for cut-flowers. $11 / 2 \mathrm{ft}$.

## Mignonette

Ball Forcing Strain. Early-flowering, greenhouse forcing type. Produces, when disbudded, exceptionally large spikes.
$1 / 4 \mathrm{oz}$. $\$ 1.75$


## Michell's Giant Pansies

The following list comprises the best of the new European creations and the popular American varieties.
MICHELL'S NEW GIANT CLIMBING. This strain is the result of careful selection of several leading varieties of winter-flowering Pansies, and we believe our stock to be the finest of its type. Its plants grow to a height of 3 feet and produce immense blooms on stems from 16 to 18 inches long. The colors are a pleasing blend of light and dark shades.
NEW PANSY, SUNSHINE ART SHADES. This new strain has been developed in a very free-flowering type that blooms exceedingly well during the hot summer months. When all other Pansies have faded because of the heat, this strain will continue to give an abundant quantity of flowers. The colors are a beautiful range of delightful bright pastel and art shades, containing many unusual tints and blotches. Flowers are of a medium size and carried on long stems.
NEW GIANT PANSY, MICHEIL'S SPRINGTIME. We to offer this fine new early-flowering Giant Pansy whose blooms measure $31 / 2$ to 4 inches across, and come in a superior mixture of light colors so popular in the spring garden. The plants are dwarf.

Trade pkt. 50 c .; $1 / 4 \mathrm{oz} . \$ 2.25 ;$ oz. $\$ 8.00$
MAPLE-LEAF GIANTS. A new variety producing giant flowers measuring 4 to 6 inches across, of perfectly round shape and in an excellent mixture. This is without doubt the largest of the giantflowering types; for exhibition purposes and private trade

Trade pkt. $50 \mathrm{c} \cdot ; 1 / 4 \mathrm{oz}$. $\$ 2.25 ;$ oz. $\$ 8.00$
AMERICA. A very select, extra-carly, dwarf giant-flowering strain. The plants are short, stocky and of vigorous growth, exceptionally free flowering and in a fine mixture of popular shades. For florists and market gardeners, this is undoubtedly the money-making Pansy

Trade pkt. 50 c.; $1 / 40 z$. $\$ 2.25$; oz. $\$ 8.00$
ENGELMANN'S SPECIAL MIXTURE. A new variety and a truly Giant Pansy that is in a class by itself. Flowers 3 to 4 inches across, on long, heavy stems, and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades.

Trade pkt. 75c.; $1 / 4$ Oz. $\$ 2.25$; 0z. $\$ 8.00$
MICHELL'S NEW SWISS GIANTS. The flowers are enormous, of beautiful velvety texture, on long stems and in a mixture that is unsurpassable for its many unusual colors such as salmon, dark blue, pink, mahogany, yellow and red, all of which are beautifully blotched.

Trade pkt. $\$ 1.00 ; 1 / 80 z . \$ 1.50 ; 1 / 4 \mathrm{oz} . \$ 2.75 ;$ oz. $\$ 10.00$
DWARF SWISS GIANTS, CHOICE MIXED (ROGGLI). For those who desire a dwarfer and more compact type than the original, we highly recommend this new strain. Very free flowering, and in a great variety of colors.

Trade pkt. $50 \mathrm{c} . ; 1 / 402 . \$ 2.25 ; \mathrm{oz} . \$ 8.00$

## IMPROVED SWISS GIANTS

Large flowers with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture.

Trade pkt. 50c.; $1 / 80 z . \$ 1.25 ; 1 / 40 z . \$ 2.25 ; 0 z . \$ 8.00$

## SWISS GIANTS, SEPARATE SORTS

Trade pkt. 1/40z
$\begin{array}{llllllll}\text { Alpenglow. A fine range of cardinal-red shades.. } \$ 0 & 50 & \$ 2 & 25 & \$ 8 & 00 \\ \text { Berna. Very rich, velvety purple-violet........ } & 50 & 2 & 25 & 8 & 00\end{array}$
Coronation Gold. Round canary-yellow flowers
with lower petals flushed golden orange, measur-

Lake of Thun (Ullswater). Color marine-blue with deep blue blotches
Luna. Soft sulphur-yellow with frilled edges
Mont Blanc. Nearly pure white, with three large blue blotches
Pure White. The best giant pure white
Rheingold. Deep golden yellow with black blotches on the three lower petals.............. $50 \quad 225 \quad 800$

## GIANT OR BEDDING PANSIES

YELLOW SHADES. Without blotches. A magnificent strain. Giant flowers. Plants of compact, dwarf habit. Fine for bedding for mass effect in borders. Trade pkt. $50 \mathrm{c} . ; 1 / 40 \mathrm{oz} . \$ 1.75 ; 0 z . \$ 6.00$ LORD BEACONSFIELD, IMPROVED STRAIN. Deep velvety violet, shading to white at the margins of the upper petals. Free flowering. Excellent for bedding.

Trade pkt. 40c.; 1/40z. $\$ 1.50 ; 0 z . \$ 5.00$
While stock of the above two varieties is exceedingly scarce, we have been successful in having grown exclusively sufficient seed to take care of our normal requirements. We suggest orders be placed early.


## PANSIES, GIANT-FLOWERING MIXTURES

## Trade pkt. Oz

$1 / 4 \mathrm{lb}$.
Michell's Giant Exhibition, Mixed. A giant
strain of heavy texture and varied shades and

Giant Trimardeau, Mixed
$30 \quad 2 \quad 00 \quad 7 \quad 00$
Masterpiece. Frilled Pansy. Beautiful rich colors;
Fine English Mixed. Large flowering
$\begin{array}{rrrrr}50 & 4 & 00 & 14 & 00 \\ 25 & 1 & 50 & 5 & 00\end{array}$

## Michell's Petunias

## LARGE ALLDOUBLE FLOWERING PETUNIAS

The new Alldouble strain which produces 100 per cent double flowers, ALLDOUBLE BRILLIANCY. Neu. The color of this new Alldouble Petunia is a deep rich carmine-rose, several tones darker than Carmine Queen. $1 / 2$ trade pkt. ( 500 seeds) $\$ 1.50$; trade pkt. ( 1000 seeds) $\$ 2.75$. ALLDOUBLE BLUE BROCADE. Silver Medal, All-America Selections. New and rich color in Giant Fringed type. High percentage of fully double flowers of pleasing fragrance. The color is a true violet-blue. Compact, stocky grower; free bloomer excellent for garden or pot-plants
ALLDOUBLE APPLE BLOSSOM. Honorable Mention, All-America Selections. A beautiful apple-blossom-pink. Plants dwarf, 12 to 15 inches high, covered with large, double, fringed flowers.
ALLDOUBLE ORCHID BEAUTY. All-America Novelty. A decidedly new shade in the Alldouble Petunias. The habit of growth is dwarf and compact and flowers large and fully double. The color is a beautiful shade of orchid
ALLDOUBLE GAIETY. Rose-red and white, beautifully frilled. A popular color combination.

## ALLDOUBLE AMARANTH-RED. Bright amaranth-red

ALLDOUBLE CARMINE QUEEN (World Beauty). ally fine dwarf type. Beautiful rosy carmine flowers An exception double. Other characteristics same as Victorious
ALLDOUBLE LOVELINESS. Extra dwarf. Identical in habit to the popular Carmine Queen. with the exception of the color, which is a clear La-France-pink. A valuable addition to this group.
ALLDOUBLE PURPLE.
ALLDOUBLE WHITE QUEEN. Pure white, very double flowers.
MICHELL'S FORMULA ALLDOUBLE VICTORIOUS, MIXED. Special mixture made up of named varieties

> Prices on the above Alldouble Varieties, except where noted: $1 / 2$ trade pkt. ( 500 seeds) $\$ 1.25$; trade pkt. ( 1000 seeds) $\$ 2.50$.

DWARF ALLDOUBLE VICTORIOUS, MIXED. A choice strain. $1 / 2$ trade pkt. ( 500 seeds) $\$ 1.25$; trade pkt. (1000 seeds) $\$ 2.50$; 1/64oz. \$12.00.

## Michell's Primulas

## NEW GIANT MALACOIDES

We offer this magnificent new strain of Primula malacoi es which has recently been discovered. The strong, robust-growing plants make excellent pot-plants, with extremely large, well-formed, rounded flowers produced in abundance on heavy, wiry stems rising from rich green foliage. Well-grown mature plants will have anywhere from 30 to 50 spikes.

NEW DOUBLE TWINKLES. Exquisitely dainty in coloring, Twinkles is a very soft flesh-pink, each petal accented with a picotee penciled edging of rich rose. Exceptionally free blooming; the hundreds of $3 / 4$ to 1 -inch florets nod gaily on their long, upright-growing, wiry stems. An excellent companion subject for Fairy Jewels. This strain comes 90 to 95 per cent double from seed.

Original trade pkt. $\$ 1.50$
NEW SWEETHEART. Unquestionably the outstanding and most unique departure in Primula developments, Sweetheart adds a disinct bicolor to the group. The blooms are a bright salmon-pink bordered with a wide band of white softly flushed flesh-pink. In the center is a tiny but distinct touch of golden yellow. The individual florets are 1 inch in diameter, produced in many whorls on the long, heavy, wiry stems. Exceptionally free blooming.

Original trade pkt. $\$ 1.50$
DOUBLE FAIRY JEWELS. This superb new double sort has literally hundreds of florets $3 / 4$ to 1 inch in diameter, of a lovely rich rosepink color, slightly deeper in the center. The strain comes 90 to 95 per cent double from seed.

Original trade pkt. $\$ 1.50$
ENCHANTRESS. Outstanding single variety of a beautiful soft salmon-rose color. Flowers are $7 / 8$ to 1 inch in diameter and produced in unbelievable profusion. A well-grown plant will have 50 or more heavy-stemmed spikes.

Original trade pkt. $\$ 1.50$
SNOWFLAKE. Pure glistening white, beautifully formed 1 -inch florets adorn the stately stems like gleaming jewels. Original trade pkt. $\$ 1.00$
LAVENDER GLORY. This variety has the largest flowers of the group, being from 1 to $11 / 4$ inches in diameter. They are soft, mauvelavender in color, beautifully formed, and abundantly produced

Original trade pkt. \$1.00
MIXTURE. The Mixture contains all of the above single varieties, together with a good many others still in the developmental stage. The Mixture is well worth growing for the many previously unknown shades and colors found in it.

Original trade pkt. $\$ 1.00$

## NEW GIANT OBCONICAS

NEW WYASTON WONDER. This new type of Primula obconica, Wyaston Wonder, produces flowers of truly immense size. It is by far the largest-flowered variety in existence. The general growth of the plant is exceptionally vigorous and the huge heads of bright crimson flowers are carried on strong stems well above the foliage. We believe this to be the finest of the new Primulas. $1 / 2$ trade pkt. 85 c.; trade pkt. $\$ 1.50 ; 1 / 64 \mathrm{oz}$. $\$ 3.50$.

## PRIMULA OBCONICA, SUPER-GIANT STRAINS

We are pleased to offer for immediate shipment the following NEW-CROP PRIMULA SEEDS. This is freshly harvested stock, very high germination, American-grown seed. All the plants have been carefully rogued for color and type. The flowers are of giant size
Giant Apple Blossom. A lovely pure tone-pale pink.
Giant Crimson. Enormous size truss; crimson color.
Giant Blue. Rich, bright blue.
Giant Dark Rose. Clear self rose; will not fade
Giant Scarlet. Oriental red, shading to scarlet
Giant White. Pure snow-white
Giant Choice Mixed. A mixture of the above and other colors. Trade pkt. \$1.00; 1/640z. \$2.50; 1/32 oz. \$4.50

## OBCONICA GRANDIFLORA

Hybrida, Mixed. Trade pkt. $\$ 1.00 ; 1 / 640 z . \$ 2.00$.


FRINGED CHINESE VARIETY
Nichell's Prize Mixture. This mixture contains only $1 / 2$ trade Trade the very finest sorts . . . . . . . . . . . . . . . . . $1 / 32$ oz. $\$ 3.00 \ldots \$ 00$. $\$ 100$

ALL PRICES SUBJECT TO MARKET CHANGES

## Michell's Distinctive Stocks

GIANT COLUMN, NON-BRANCHING DOUBLE EXCELSIOR
We offer only the best seed, which will give a high percentage of doubles.
BALL WHITE, NUMBERS 15 AND 16. Our supply is exhausted and no further stock will be available until the Californian crops are ready, about December 1.
ROSE BEAUTY. An Exclusive Michell Introduction. A fine new variety with exceedingly large double florets. The color is a clear La-France-rose-pink, a very popular florist color
$1 / 2$ trade pkt. 75c.; trade pkt. $\$ 1.25$; $1 / 80 \mathrm{z} . \$ 2.00$
YELLOW WONDER. This new Column Stock has the color, form, size of floret, length of spike and percentage of doubleness to definitely make it the outstanding variety of this type of Stock. The color is a rich creamy yellow
$1 / 2$ trade pkt. 60 c .; trade pkt. $\$ 1.00 ; 1 / 8 \mathrm{oz} . \$ 1.50 ; 1 / 4 \mathrm{oz} . \$ 2.50$; oz. $\$ 9.00$
GARDENIA. This new variety has superbly formed, magnificent spikes composed of individual florets 2 to $2 \frac{1}{4}$ inches in diameter. The color is a shimmering, glistening white, the purest snow-white of any Stock variety yet introduced. $1 / 2$ trade pkt. 75 c .; trade pkt. $\$ 1.25 ; 1 / 80 \mathrm{c}$. $\$ 2.25$; $1 / 4 \mathrm{oz}$. $\$ 4.00$; oz. $\$ 12.00$.
Ball Blue. No. 3. Rich, dark lilac-blue. . $\$ 0 \begin{array}{lllllll}60 & \$ 1 & 00 & \$ 2 & 50 & \$ 9 & 00\end{array}$ Ball White. No. 2. Long-stemmed white light blush-pink
Ball Pink. No. 11. Fine clear rose-pink
Ball Rose Pink. No. 14. Deeper than No
11. Strong grower

Silvery Lilac (Ball No. 1). Lilac-lavender.
Chamois-Pink (Ball No. 9). Chamoisink
Golden Rose (BaII No. 20). Rose and gold
Illusion (Ball Ruby). Scarlet-red
Malmaison Pink (Ball No. 7). Light shell-pink
Rose-Pink. (Michell.) Brilliant rose-pink Florist Mixture

| 60 | 1 | 00 | 2 | 50 | 9 | 00 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 60 | 1 | 00 | 2 | 50 | 9 | 00 |
| 60 | 1 | 00 | 2 | 50 | 9 | 00 |
| 60 | 1 | 00 | 2 | 50 | 9 | 00 |
| 60 | 1 | 00 | 2 | 50 | 9 | 00 |
| 60 | 1 | 00 | 2 | 50 | 9 | 00 |
| 60 | 1 | 00 | 2 | 50 | 9 | 00 |
| 60 | 1 | 00 | 2 | 50 | 9 | 00 |
| 60 | 1 | 00 | 2 | 50 | 9 | 00 |
| 60 | 1 | 00 | 2 | 50 | 9 | 00 |

## EARLY GIANT IMPERIAL STOCKS, IMPROVED BISMARCK

MAMMOTH ROSE. An Exclusive Michell In-
troduction. The largest flowering of this group.
Color is a brilliant rose-pink. The individual
florets are huge. Excellent for cut-flowers. .... \$0 40 \$0 75 \$4 50
Antique Copper. Rich hellebore-red. . . . . . . . . . . 30 50 300
Apple Blossom. Blush-pink
Buttercup. A deeper shade than canary-yellow
Canary-Yellow (Golden Ball)
Chamois. Ivory, tinted old-rose
Dark Blue. New shade
Elk's Pride. Intense royal purple
Fiery Blood-Red. Extra fine
Golden Rose
Lavender
Lilac.
Rose Charm. Rich deep rose
Roselight. Bright rose
Rose-Pink
White
Mixed Colors

| 30 | 50 | 3 | 00 |
| :--- | :--- | :--- | :--- |
| 30 | 50 | 3 | 00 |
| 30 | 50 | 3 | 00 |
| 30 | 50 | 3 | 00 |
| 30 | 50 | 3 | 00 |
| 30 | 50 | 3 | 00 |
| 30 | 50 | 3 | 00 |
| 30 | 50 | 3 | 00 |
| 30 | 50 | 300 |  |
| 30 | 50 | 3 | 00 |
| 30 | 50 | 3 | 00 |
| 30 | 50 | 3 | 00 |
| 30 | 50 | 3 | 00 |
| 30 | 50 | 3 | 00 |
| 30 | 50 | 3 | 00 |
| 30 | 50 | 2 | 50 |

NEW SUPER-EARLY, SAINT AMOUR. An Exclusive Michell Introduction. This is an excellent early branching type. The color of the flowers is a clear lavender-rose. The percentage of doubles is well over 80 .

Trade pkt. 75c.; 1/4oz. \$2.25

## EARLY COLONIAL BRANCHING STOCKS

This new Early Colonial strain does not produce a center spike-so therefore requires no pinching to make it branch. $1 / 2$ trade pkt. Trade pkt. Oz.
ROSE STANDISH. A large-flowered bright rose. $\$ 0 \begin{array}{llllll}\$ 0 & \$ 0 & 50 & \$ 3 & 50\end{array}$
MA YFLOWER. Brilliant red-rose.
30
PRISCILLA. Clear silvery lavender
PURITAN. Pure snow-white
30

## GIANTS OF CALIFORNIA

Giants of California are very early flowering, with a high percentage of double mammoth flowers and have the branching habit of the Bismarck. If planted close they will nearly attain the height of the Column Stock, approximately $21 / 2$ to 3 feet.
$1 / 2$ trade pkt. Trade pkt. $1 / 40 z$.
 MOJAVE. Rich velvety purple.
Monterey. Bright pink
Pacific. Light blue.
Redwoods. Blood-red
Santa Barbara. Chamois
Santa Maria. Pure white
Tahoe. Lavender.
Yosemite. Rose.
Splendid Mixture

| 30 | 50 | 1 | 00 | 3 | 50 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 30 | 50 | 1 | 00 | 3 | 50 |
| 30 | 50 | 1 | 00 | 3 | 50 |
| 30 | 50 | 1 | 00 | 3 | 50 |
| 30 | 50 | 1 | 00 | 3 | 50 |
| 30 | 50 | 1 | 00 | 3 | 50 |
| 30 | 50 | 1 | 00 | 3 | 50 |
| 30 | 50 | 1 | 00 | 3 | 50 |
| 30 | 50 | 1 | 00 | 3 | 50 |

# Winter-flowering Sweet Peas. Michell's Exclusive Introductions 



Michell's Gorgeous Sweet Peas
Bridesmaid. A delicate, sparkling shade of silver- Oz . pink. Large flowers usually in fours on 14 to 16-inch stems
$\$ 040$
Daphne. An exquisite soft salmon-pink on a cream ground. The flowers are of great size
Delicious. A shade of pale salmon and cream delightfully blended. The flowers are huge
Eileen. Rich begonia-rose, with salmon shadings
Eleanor Blue. Clear light blue with a delightful silvery sheen
Fascination. Salmon-rose-pink
Florence Michell. An extra-fine deep blue
Florists' Blue. A very vigorous grower with large, clear pure blue flowers
Florists' Rose. The color is a pure rich rose-pink.
Fragrance. A clear lavender self; flowers large, beautifully frilled and on enormous, long, strong stems. Very free bloomer.
Gardenia. Gardenia is a dense paper-white having large, ruffled flowers with good substance for shipping
Giant Rose. A large, improved Zvolanek's Rose color. Extra-fine variety.
Glitters. Brilliant frery cerise
Grenadier. Dazzling scarlet
Harmony. A beautiful clear lavender
Hiawatha. Fine; large-flowering; deep rose.
Hope. The finest black-seeded pure white to date. Jeanne Mamitsch. Flowers Large, on long stems; color, a beautiful shade of rose-pink.
Josie. Rich, clear rose-pink; very large, longtemmed flowers
Laddie Improved. Giant bright rose on long stems
Majestic Rose. Deep brilliant rose-pink
Michell's Rose Wonder. A beautiful clear, sparkling rose-pink color on a light ground
Miss Annie Laurie. The richest tone of pure rose-pink ever introduced in a Sweet Pea
Mrs. Herbert Hoover (The California Blue) Flowers are clear blue; stems very long
Navy Blue. Flowers a rich dark blue with four
to a stem

1942 Introduction. A deep blood-red-crimson. Large, bold-faced flowers with extra-strong stems. An excellent Early Winter-flowering type with good strong growth. This is undoubtedly the truest crimson in the complete list of Winter Sweet Peas.
$1 / 2 \mathrm{oz} .75 \mathrm{c}$.; oz. $\$ 1.40 ; 1 / 4 \mathrm{lb}$. $\$ 5,00$
FOREST FIRE 1942 Introduction. Giant, bright orange-scarlet, duplexed flowers that will not burn. Its good strong stems make this new Sweet Pea worth while for the florist grower. The foliage is a good green, not dark like the older orange varieties, $1 / 2 \mathrm{oz}$. 75 c . ; oz. $\$ 1.40$; $1 / 4 \mathrm{lb} . \$ 5.00$
MICHELL'S GORGEOUS. Never have we seen such a colorful Sweet Pea-a glistening golden cerise brightening to a carmine. Under artificial light it is truly gorgeous, as the name implies. The magnificent, large, duplexed flowers are produced in four's and frve's on long, stiff stems.

Oz. 60c.; $1 / 4 \mathrm{lb} . \$ 1.75 ; 1 \mathrm{~b} . \$ 6.00$
MICHELL'S LADY LUCK. Vivid carmine-rose, suffused with purple; producer on long stout starge perfectly formed flowers. A very heavy Sweet Pea to the florist who wants the best. $\quad \mathrm{Oz} .60 \mathrm{c} . ; 1 / 4 \mathrm{lb} . \$ 1.75 ; 1 \mathrm{~b} . \$ 6.00$

## NEW SPRING-FLOWERING SWEET PEAS

This new type has performed outstandingly well in the spring months, giving excellent flowers on long stems when the Early-flowering types have given out. The Springflowering type also gives a much hea vier crop of flowers than the standard Earlies. Seed should be sown in September or October in the greenhouse for flowering during March, April, and May.

Spring-flowering Blue. A splendia clear marine-blue........... 50 . 15050
$\begin{array}{lllll}\text { Spring-flowering Lavender. A fine clear lavender shade } & \ldots & 50 & 1 & 55 \\ 5 & 500\end{array}$
Spring-flowering Mauve, Bright satin mauve...................... $50 \quad 155 \quad 500$


## General List of Michell's Winter-flowering Sweet Peas



Princess Blue. The Iargest-flowered, light Iaven-der-blue, early flowering sort that we have seen; exceptionally long stems.
$50150 \quad 500$
Rhapsody. A fine large-flowering rosy lavender sort. Vigorous growth and very free flowering. Superior to Twilight
$\begin{array}{llll}60 & 1 & 75 & 6 \quad 00\end{array}$
Rhumba. Colored a golden cerise, Rhumba is a large, deeply duplexed flower. . . . . . . . . . . . . . .

| 40 | 1 | 25 | 400 |
| :--- | :--- | :--- | :--- |

$\begin{array}{lllllll}\text { Rose Queen. A most attractive shade of rose-pink. } & 40 & 1 & 25 & 4 & 00\end{array}$
Sensation. Duplex. Color, a clear-toned, Iuminous geranium-pink which is a new shade in the early varieties and excellent under artificial light.

| 50 | 1 | 50 | 5 | 00 |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 40 | 1 | 25 | 4 | 00 |  |
| 40 | 1 | 25 | 4 | 00 |  |
| 40 | 1 | 25 | 4 | 00 |  |
| 40 | 1 | 25 | 4 | 00 |  |
|  |  |  |  |  |  |
| 40 | 1 | 25 | 4 | 00 |  |
| 40 | 1 | 25 | 4 | 00 |  |
|  |  |  |  |  |  |
| 40 | 1 | 25 | 4 | 00 |  |
| 40 | 1 | 25 | 4 | 00 |  |
| 40 | 1 | 25 | 4 | 00 |  |
| 40 | 1 | 25 | 4 | 00 |  |
| 40 | 1 | 25 | 4 | 00 |  |
| 40 | 1 | 25 | 4 | 00 |  |
| 40 | 1 | 25 | 4 | 00 |  |
| 45 |  | 75 | 2 | 50 |  |

## Schizanthus • Butterfly Flower

Trade pkt. Oz.
Dwarf Large-flowering. A compact variety and very free flowering. Excellent for pots. Mixture. .. 1/40z. \$1.25 . . $\$ 050$ Garraway's Hybrids. A beautiful greenhouse strain. . $50 \quad \$ 3 \quad 00$ Glant Pansy-flowered. Large pansy-flowered blooms in a wide range of rich colors. Excellent for cutting

1/8oz. \$1.00
50
Hybridus grandifiorus, Mixed. Dwarf.
$25 \quad 100$
Wisetonensis. Various colors. Fine for pots

## Viola

Trade pkt. Oz.
Arkwright Ruby. Beautiful bright rosy crimson blooms with terra-cotta shadings
$\$ 0 \quad 50 \quad \$ 600$
Avalanche. Giant-flowering, pure white variety
Bosniaca. Johnny-jump-up. Free bloomer. Purple flowers Firmament. Bright silvery blue
G. Wermig. Rich violet-blue. 8 in

Ilona. Rich, light, velvety purple

Viola, continued
Trade pkt. Oz
Jersey Gem. Pure rich violet blooms. Dwarf in habit and continuously in bloom.............1/80z. \$2.00. . $\$ 050$
Papilio (Butterfly Viola). Light blue and white. . . . . . . . 50
Papilio (Butterfly Viola). Deep violet.
$50 \quad \$ 300$
Yellow Queen. Deep pure yellow flowers, coming practically 100 per cent true from seed

50600

## *Viola Cornuta - Tufted Pansies

Lord Nelson. Large, violet-purple flowers.........
Admiration. Dark blue
Apricot Queen. Apricot-yellow, tinged orange
Mauve Queen. Lovely mauve color
Perfection. Light blue
Rose Queen. Compact habit. Rosy pink flowers
White Perfection. Pure white
Yellow Perfection. Golden yellow
Mixed. All colors
Scotch Bedding, Mixed. Produces larger flowers than
$V$. cornuta.

## Michell's Hardy Perennial Flower Seeds

ACHILLEA Millefolium. Bright magenta-red. 3 ft... $\$ 040$ 4 $\$ 200$ Ptarmica, The Pearl. Pure white, double flowers $21 / 2 \mathrm{ft}$.
ACONITUM (Monkshood) Fischeri. Bright blue. 3 ft . Napellus. Long spikes of blue flowers. 3 ft .
ALYSSUM saxatile compactum. Golden yellow
*Saxatile compactum, Silver Queen. Pale primrose
*Rock-Garden Hybrids, Mixed
AMPELOPSIS Veitchi. Boston or Japanese Ivy
$1 / 41 \mathrm{~b} .75 \mathrm{c}$.
ANCHUSA italica, Dropmore. Bright blue
Iue flowers. 1/802. \$1.75
ANEMONE (Windflower) coronaria, Mixed. 1 ft Coronaria, St. Brigid. Semi-double. Various colors. 1 ft
*Pulsatilla. Pasque Flower. Violet-lilac. 1 ft.
ANTHEMIS (Hardy Marguerite) montana. Pur Tinctoria Kelwayi. Bribht yellow flowers. 2 ft .

## Aquilegia - Columbine

Clematiflora, Choice Mixed. New. Spurless Columbine with beautiful open flowers like clematis. $1 / 32 \mathrm{oz}$. $\$ 2.25$ Crimson Star. Crimson and white ....... $1 / 8$ oz. $\$ 1.25$
Alpina. Blue and white. $11 / 2 \mathrm{ft}$.
Callfornica hybrida. Mixed colors
Canadensis. Scarlet and yellow
Chrysantha. Yellow
Carulea. Blue and white
Double Mixed
Single Mixed

## LONG-SPURRED VARIETIES

Longissima. Delicate shade of yellow . . .1/3202. $\$ 2.00$
Copper Queen. Copper-red, straw corolla
Blue Shades
Orange and Scarlet Shades
Pink and Rose Shades
Snow Queen. Pure white
Mrs. Scott Elliott's Select Strain
Hybrids. Mixed colors
*ARABIS (Rock Cress) alpina. Dwarf. Flowers pure white. 1 ft .
*Alpina rosea. Bright rose. \& in. . . . . . . . $1 / 402$. \$2.00.
PERENNIAL ASTER (Michaelmas Daisy), Choice Mixed Colors. 3 ft .
ASTER alpinus. Purple with large yellow center. 1 ft Alpinus Praecox. Mixed
$1 / 4$ oz. $\$ 2.00$
*AUBRIETIA Bougainvillei. Dark blue. 6 in.
Deltoides. Lavender-blue. 6 in.
*New Large-flowering Hybrids, Mixed
*AURICULA (Primula auricula), Choice Mixed. Flowers of many beautiful colors. 6 in. $1 / 1602, \$ 1.00$.
BAPTISIA australis. False Indigo. Spikes of deep blue flowers. 3 to 4 ft .
Varieties marked * are especially suitable for rock-gardens ALL PRICES SUBJECT TO MARKET CHANGES

300 50

Single Pink
Single White
Single Mixed
Double Blue
Double Pink
Double White
Double Mixed

## MISCELLANEOUS CAMPANULAS

The taller sorts are splendid for cut-flowers and most decorative;
the dwarf sorts make excellent border plants. Trade pkt. Oz.
*Carpatica, Blue. Dwarf. 6 in. $\$ 025 \$ 100$
*Carpatica, White. Dwarf. $6 \mathrm{in} . . . \mathrm{C} . . . . . . . . . . .$.
Persicifolia grandiflora, Blue. Grows 3 to 4 feet high
and produces large, bell-shaped flowers
Persicifolia grandifiora alba. White
200
Persicifolia, Telham Beauty. Large, China-blue bells

Pyramidalis, Mixed. Chimney Bellflower. 5 ft .
125
CAND YTUFT (Iberis) gibraltarica. Lilac, shading to Sempervirens. Flowers white

## Carnation, Perennial Varieties

The Grenadin Carnation is an excellent early-blooming, largeflowering type, fine for cut-flowers.
Grenadin.
Black King. A fine dark red
Trade pkt. $1 / 80 z$.
Cardinal. Brilliant scarlet
Triumph Pink. Pure rose-pink
White Gold. Beautiful soft yellow
Mixed.
CENTAUREA montana. Violet-blue. 2 ft .........
*CERASTIUM tomentosum. Snow-in-Summer. Silvery foliage. White flowers. 1 ft .
CHEIRANTHUS Allioni. Siberian Wallflower. Orange. . 1550

## Chrysanthemum

Shasta Daisy, New Giant Double White. Extra
large on long, stiff stems, fine for cutting. ${ }^{1}$ i60z. $\$ 1.50$.
Geisha. Cascade or Japanese Balcony Chrysanthemum. New single-flowering varieties, mixed. ..11/40z. $\$ 1.50$ Early-flowering, Double and Semi-double, Mixed
Shasta Daisy, Alaska. Pure white
Shasta Daisy, Conqueror. Giant-flowering white
2510
MATIS paniculata. Hardy climber; white star-
shaped tlowers . . . . . . . . . . . . . . . . . . . 1/416. 1 b . 1.50 .
COREOPSIS lanceolata grandifiora. Golden yellow. Lanceolata grandiflora fil.-pl. Double-flowering
Coreopsis. Double and semi-double flowers
Mayfield Giant. Extra-large flowers. Plants tall
20
20

## Hardy Garden Pinks bring old-time beauty and fragrance

## DELPHINIUM, PERENNIAL LARKSPUR

## NEW SUPER-GIANT PACIFIC HYBRIDS

The spikes are strong, growing 5 to 6 feet, closely set, and the flowers are as large as a silver dollar. This strain is practically immune from mildew, and is proving splendid for cut-flowers.
Black Knight Series. Darkest of them alI. Individual flowers exceedingly large, of beautiful round form, with heavy velvety texture that gives the color luminosity and vividness. Trade pkt. $\$ 1.25 ; 1 / 8 \mathrm{oz}$. $\$ 3.00$; $1 / 40 \mathrm{oz}$. $\$ 5.50$
Bluejay Series. The true blue color which is so rare in nature and so difficult to obtain-clear medium to dark blue. Trade pkt. $\$ 1.25 ; 1 / 80 \mathrm{z}$. $\$ 3.00 ; 1 / 40 \mathrm{oz}$. $\$ 5.50$.
Round Table Series. This represents all of the color combinations of the knights and their ladies. Three hundred different crosses were used to make up this group of seed. Trade plt. \$1.25; $1 / 80 z$. $\$ 2.50 ; 1 / 40 \mathrm{oz}$. $\$ 4.50$.
King Arthur Series. A true royal purple with white bee. Trade pkt. $\$ 1.25 ; 1 / 80 \mathrm{Z} . \$ 2.50 ; 1 / 4 \mathrm{OZ}$. \$4.50.
Guinevere Series. A magnificent light pink-lavender with white bee; frne large spike. Trade pkt. $\$ 1.25 ; 1 / 802 . \$ 2.50 ; 1 / 40 z$. $\$ 4.50$.
Summer Skies Series. Clear light blue with white bee. Excellent for cutting. Trade pkt. $\$ 1.25 ; 1 / 80 \mathrm{z} . \$ 2.50 ; 1 / 40 \mathrm{O} . \$ 4.50 ; 1 / 2 \mathrm{oz}$. $\$ 7.50$.
Galahad Series. Clear white of enormous size, averaging 3 inches in diameter. Good branching habit; strong whippy stems. The best pure white Delphinium. Trade pkt. $\$ 2.00 ; 1 / 80 z$. $\$ 4.00$; $1 / 40 \mathrm{z}$. $\$ 7.00$; $1 / 20$ z. $\$ 13.00$.
Lancelot Series. A new color in Delphinium-pure Iilac self tone with white bee. Trade pkt. $\$ 1.25 ; 1 / 80 z . \$ 2.00 ; 1 / 40 z . \$ 3.50$; $1 / 20 z$. \$6.50.
White Majesty. Giant; pure white. Trade pkt. $\$ 1.25 ; 1 / 80 \mathrm{z}$. $\$ 2.50 ; 1 / 4 \mathrm{oz}$. $\$ 4.00$; oz. $\$ 14.00$
Dark Blue Shades. Trade pkt. $\$ 1.00 ; 1 / 80 z . \$ 2.00 ; 1 / 40 z$. $\$ 3.50$; 1/20z. \$7.00; oz. \$12.00.
Light Blue Shades. Trade plet. $\$ 1.00 ; 1 / 80 z . \$ 2.00 ; 1 / 40 z . \$ 3.50$; $1 / 2$ oz. $\$ 7.00$; oz. $\$ 12.00$.
Pastel Shades. Trade plkt. $\$ 1.00 ; 1 / 8 \mathrm{oz}$. $\$ 2.00$; $1 / 4 \mathrm{oz}$. $\$ 3.50$; $1 / 2$ oz. $\$ 7.00$; oz. $\$ 12.00$.
Mixed Colors. Trade pkt. $\$ 1.00$; $1 / 80 z$. $\$ 2.00 ; 1 / 40 z$. $\$ 3.50$; $1 / 20$ z. $\$ 7.00$; oz. $\$ 12.00$.

Blackmore \& Langdon's Imported Strain. A new fine English variety. Plants are of strong, vigorous growth and produce immense spikes of large flowers. Trade pkt. 50c.; oz. \$3.00.
English Hollyhock, Watkin Samuels' Wrexham Strain


## Daisy, Double English

Bellis perennis
Trade pkt.
*Monstrosa, Etna. Dark red . .
*Monstrosa, Pink. . . . . . . . . .
*Monstrosa, White. . . . . .
*Monstrosa, Mixed. . . .

* Double Mixed. A fine mixture 75


# Dianthus . Pinks HARDY GARDEN VARIETIES Trade pkt. Oz. 

*Allwoodi alpinus. Choice assortment of colors. 4 to 6 in.
$1 / 40 z$. $\$ 2.00$. . $\$ 050$

* Czsius. Cheddar Pink. Pink

Clove-scented, Double and Semi-Double, Mixed 30
*Deltoides, Brilliant. Maiden Pink. Dwarf. Carmine Double Scotch, Mixed. Choice colors.$30 \quad 175$

Latifolius atrococcineus fl.-pl. Double; scarlet
Pheasant's Eye, Mixed. Single; fringed.
20
Rock-Garden Species. A mixture of 25 rare varieties
50
Varieties marked * are especially suitable for rock-gardens

DICTAMNUS Fraxinella. Purple-red flowers
DICTAMNUS Fraxinella. Purple-red flowers ........
DIGITALIS (Foxglove), Giant Shirley, Mixed. Enormous spikes of flowers. 3 to 5 ft
Purpurea gloxiniæflora, Pink
Purpurea gloxiniæflora, Purple
Purpurea gloxiniaflora, White
Purpurea gloxiniaflora, Mixed
Grandíflora. Light yellow
*EDELWEISS (Leontopodium) alpinum. Rock-plant,
with silvery white flowers . . . . . . . . . .1/160Z. $\$ 1.00$
50
ERIGERON speciosus grandiflorus. Fleabane. Rosy lilac, aster-like flowers. 2 ft .
ERYNGIUM amethystinum. Sea Holly. Metallic blue flowers. 3 ft .

## Gaillardia, Perennial Varieties

One of the showiest of hardy perennial plants. Fine for cutting or borders. 3 ft . Trade pkt. Oz
Grandifiora, Monarch Strain. Giant-flowering; ex- $\$ 0 \quad 30 \quad \$ 100$

quisite. Mixed............................................... 30 Bright coppery red blooms | $\$ 0$ |
| :--- |

*Grandiflora, Goblin. Dwarf, compact variety, especially suited for the rock-garden. Showy red flowers.
Grandifiora, Portola Hybrids. Bronzy red, golden tipped petals
Grandiflora, Tangerine. Giant orange flowers
Grandiflora superba, Mixed. . . . . . . . . . . 1/41b. $\$ 1.75$.
*GENTIANA acaulis. Blue Gentian. Dwarf. Deep blue flowers
GEUM atrosanguineum fl.-pl. Dark crimson. 2 ft . Lady Stratheden. Golden yellow. 2 ft .
Mrs. Bradshaw. Brilliant scarlet flowers. 2 ft .
GYPSOPHILA (Baby's Breath) Oldhamiana. Bright pink flower
Paniculata. Sprays of white flowers. 3 ft
$1 / 4 \mathrm{lb} . \$ 1.25$
Paniculata fl.-pl. Double white flowers. 3 ft .
*Repens. A trailing plant with white flowers. 6 in.
*Repens rosea. Pinkish white flowers. 6 in.
*HELIANTHEMUM nummularium mutabile. Rockor Sun-Rose. Mixed colors
HELLEBORUS niger. Christmas Rose. Flowers white. Seed is of slow germination. 15 in
HIBISCUS (Marshmallow), Giant Dark Red Giant Pink Giant White
Giant Choice Mixed
Hollyhock
Trade pkt. Oz
Triumph. A fine type of branching habit. Choice mixed colors
Double Newport Pink. Pure pink 30
Chater's Double Maroon
Chater's Double Pink
Chater's Double Red
Chater's Double Salmon
Chater's Double White
Chater's Double Yellow
Chater's Double Mixed
Double Everblooming, Mixed
100
100
100
100

Single Hollyhock
Mixed Colors $\qquad$ 50 150

LATHYRUS Iatifolius (Perennial Pea), Crimson
Pink Beauty. Bright pink White
Choice Mixed
LAVENDER (Lavandula) vera. True Lavender. Fragrant blue flowers
LIATRIS (Blazing Star) pycnostachya. Rosy purple flowers. 4 ft
Scariosa. An improved strain. Rosy purple blooms
LILY, White Swan. Micbell's Novelty. A giant, snowwhite, early-flowering variety. Will bloom in approximately 8 months from seed
Philippinense formosanum. Resembles an Easter Lily. Will bloom in 6 to 8 months from seed. 3 ft . Regale (L. myriopbyllum). Perfectly hardy, Excellent for forcing. Flowers waxy white

175

Tenuifolium. Siberian Lily. Coral-red. 20 in.
ALL PRICES SUBJECT TO MARKET CHANGES

INUM (Flax) perenne Large blue flowers $11 /$ ft Trade pkt. Oz. Flavum Yellow 2 ft . LOBELIA cardinalis. Cardinal Flower. Spikes of cardinal-red flowers

## Lupinus polyphyllus

Russell. Long spikes of flowers in a variety of rich colors -yellow, orange, red, and brilliant bicolors. We offer seed from the originator's stock
Blue.
Luteus. Yellow shades
Moerheimi. Pink and white
Roseus. Soft pink.
Salmon Queen. Salmon shades
White.
Mixed. All colors
1/4b. \$2.50
New Hybrids, Mixed. $\qquad$
LYCHNIS Arkwrighti. Fine new hybrids.
Chalcedonica. Scarlet cross-like flowers. 2 ft .
Haageana hybrida, Mixed. Various colors. 1 ft . *Viscaria splendens. Bright rose-red
MATRICARIA (Feverfew), Double White. Fine for cut-flowers. $11 / 2 \mathrm{ft}$.
Golden Ball. Bright yellow flowers. 8 in.

## Myosotis . Forget-me-not

Alpestris, Victoria. Bright bue. Dwarf.
Blue Basket. Dark blue. Upright growth
Grandiflora alba. White
Michell's Winter-flowering. The finest variety for forcing. Long stems. Large deep blue flowers
Palustris semperflorens. Everblooming. Blue
Choice Mixed

## Early Myosotis

Early Blue Bird. Light blue; very early
Dwarf Indigo Blue. Dark blue.
*NEPETA Mussini. Blue-gray foliage and mauve flowers
*OENOTHERA (Evening Primrose) missouriensis. A prostrate-growing variety with bright yellow flowers.
HARDY PHLOX. Sow seeds of Hardy Phlox late in the fall and they will germinate in the spring.
Decussata, Mixed. Choice selection
PHYSALIS Francheti. Chinese Lantern Plant. Orangescarlet fruits. $21 / 2 \mathrm{ft}$..
PLATYCODON (Japanese Balloon Flower) grandiflorum. Blue. 28 in .
Grandifiorum album. White. 28 in.

## Poppy

PERENNIAL VARIETIES
Iceland, Gartford Giant, Art Shades. Pastel shades of apricot, cream, gold, white and various shades of rose. Large flowers on stems up to 30 inches long
Jceland, Fakenham Hybrids. Flowers $21 / 2$ to 3 inches across. Extremely free flowering. Finest mixed. 2 ft .
Iceland, Gartref New Hybrids. Fine range of art shades.
Iceland, Yellow Wonder. Bright buttercup-yellow
lceland, El Monte. Large; tangerine-orange
lceland ( $P$. nudicoul), Orange-Scarlet
Iceland, White.
Iceland, Yellow
Iceland, Single Mixed
lceland, Sunbeam. New. Splendid mixed hybrids
Orientale. Deep scarlet
Orientale, Mrs. Perry. Rich salmon-pink
Orientale, Royal Scarlet
Orientale, Hybrids. Mixed colors

## Primulas

HARDY VARIETIES
The following varieties of Hardy Primulas are very popular. However, the germination of the seed is very slow. Trade pkt. Oz.
Veris, Colossea, Mixed. This hardy type produces huge heads of flowers on long stiff stalks quite above the foliage. It is a very free bloomer, the flowers measuring more than $13 / 4$ inches across. A remarkable range of colors including many new shades of copper, lilac, pink, and dark red. Trade pkt. ( 100 seeds) $\$ 1.00 ; 1000$ seeds $\$ 8.00$.
*Verls, Mixed. Cowslip..... . . . . . . . . . . . . . . . . . . . . . . . . $\$ 0$ 50 $\$ 300$
*Vulgaris. English Yellow Primrose.............................. . . . . . . . . 50 400
Varieties marked * are especially suitable for rock-gardens
$50 \quad 3 \quad 50$
$40 \quad 250$
$\begin{array}{lll}40 & 250 \\ 40 & 250 \\ 40 & 2 & 50\end{array}$

PUERARIA Thunbergiana. Kudzu Vine. Climber.
Rosy purple flowers.
PYRETHRUM hybridum atrosanguineum. Dark red shades
$\$ 075$

Roseum. Pink
$50 \quad 3 \quad 50$
Uliginosum. Giant White Daisy
Hybridum, Single, Mixed
Hybridum, Double, Mixed
RUDBECKIA (Coneflower) Newmani. Yellow with purple cone. 2 ft .

200
SALVIA azurea grandifiora. Sky-blue. 3 to 4 ft .
Blue Bedder. A deep blue variety of Farinacea
Farinacea. Light blue.
Patens. Rich deep blue
350

## Scabiosa . Mourning Bride

The seed of perennial Scabiosas is of slow germination, so we would suggest sowing in peat moss and sand, making sure to keep moist and shaded. Trade pkt. Oz.
Caucasica, Giant Hybrids, Isaac House Strain.
Colors light lavender to dark blue. Excellent for florists. $\$ 0 \quad 50 \quad \$ 300$
Columbaria anthemifolla. A low-growing variety, pro-
ducing large flowers from 2 to $21 / 2$ inches across. Color,
a delightful shade of pink. Valuable florists' cut-flower.
Columbaria, Lavender
Caucasica. Light blue.
Caucasica alba. White.
Japonica. Lavender-blue

| 40 | 2 | 50 |
| :--- | :--- | :--- |
| 40 | 2 | 50 |
| 40 | 2 | 50 |
| 40 | 2 | 50 |
| 25 | 1 | 00 |

SHASTA DAISY. See Chrysanthemum.
STATICE (Everlasting Flower) caspla. Lilac. 3 ft .
$50 \quad 250$
Dumosa. Silvery gray. $21 / 2 \mathrm{ft}$.
50
Latlfolia. Large, deep blue flowers.
40
300

STOKESIA cyanea. Cornflower Aster. Lavender-blue.
30
150
SWEET ROCKET (Hesperis), Mixed.
15

## Sweet William • Dianthus barbatus

Dwarf or Alpine. Dwarf type, suitable for edging pirade pir
and rock-gardens. Choice mixed................ $\$ 0 \quad 40 \quad \$ 300$
Auricula-flowered, Mixed. Single
Holborn Glory. Giant-flowered Auricula. Mixed.
Purple Beauty. Bright deep purple.
Single, Crimson
Single, Newport Pink. Salmon-pink
Single, Scarlet Beauty. Rich deep scarlet.

| 25 | 100 |  |
| :--- | :--- | :--- |
| 25 | 1 | 50 |
| 25 | 1 | 50 |

Sutton's Giant White. The finest large-flower-
ing pure white Sweet William
Single, Velvety Maroon
Single, White
Single, Mixed. All colors
$\begin{array}{lll}25 & 1 & 00 \\ 25 & 100\end{array}$
Double, Mixed. AlI colors

THALICTRUM dipterocarpum. Flowers rosy purpl
Tra
with yellow anthers. Fine for cutting. 4 ft . . . . . . . . . . . $\$ 040$
.
THERMOPSIS caroliniana. Yellow, lupin-like flowers. 40
TRITOMA hybrida, Mixed. Red-Hot Poker. Peren-
nial. 2 ft .
40
200
TROLIIUS (Globe Flower). Hardy perennial with large, buttercup-shaped flowers. Trollius seed should be immersed in boiling water for 30 seconds before sowing.
Europzus. Bright yellow. 20 in. . . . . . . . . . . . . . . . $50 \quad 350$

VERONICA (Speedwell) Iongifolia subsessillis. Long spikes of rich blue flowers. 2 ft .
$40 \quad 250$
Spicata. Bright blue. $11 / 2 \mathrm{ft}$..
WALLFLOWER, Double Mixed
200

Early-flowering, Double, Mixed. An extra-early variety, flowering from seed in 90 days
Paris Extra-Early, Mixed. Single. Blooms the first year from seed. Excellent for forcing. . . . . . . . . . . .
Single, Mixed
. 1/4lb. $\$ 2.00$
20
150

ALL PRICES SUBJECT TO MARKET CHANGES

## The Great American is a great Wheelbarrow

## MICHELL'S LAWN, GARDEN AND FARM ACCESSORIES

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage


## Wheelbarrows, Michell's Greenhouse

This very narrow Barrow is designed for use in greenhouse aisles. Inside of box measures 14 inches in front, 17 inches in back, and 12 inches deep. Handles, 4 feet 8 inches long. Spread of handles at handhold 20 inches, which is extreme width of Barrow. Furnished in 18 -inch diameter wheel, nicely painted and striped. Price, $\$ 11.00$.

## Great American Wheelbarrow.

|  | Tire | Length | Depth | Width |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | in. | in. | in. | in. | Price |
| No. |  | 30 | 12 | 25 | \$1100 |
| No. 2 | $23 / 4$ | 28 | 12 | 24 | 1000 |
| No. 3 | $23 / 4$ | 26 | 12 | 22 | 900 |

Great American, Boys' Wheelbarrow.
No. 4....13/4 $22 \quad 9 \quad 18$ 6 75
Great American. Equipped with pneu-
matic rubber-tire wheel.
No. 2....23/4 $28 \quad 12 \quad 24 \quad 1650$

## Sieves

Any size mesh. Made extra well.
Galvanized Wire. 18in., $\$ 1.85$ each (postpaid \$1.95).

## Large Upright Sieve



For soil, gravel, sand, etc. Made in any size mesh, of extra heavy-grade foundry wire. Price, \$18.00.

## Brush Hook

No. 10 An ideal tool for cutting heavy brush, weeds, etc. Price, $\$ 2.25$.

## Michell's Wagon Heater

For heating wagons and delivery trucks. Efficient, durable, economical, safe. 14-in. diam., 19 in. high. Price, \$7.50.

## Coal for Wagon Heaters

Price, 20 briquettes $\$ 1.15 ; 100$ bricks $\$ 8.75$.

## Hotbed Sash

Philadelphia Style. Made of best-quality cypress. Size, 3 ft ., $11 / 2 \mathrm{in}$. wide, 6 ft . long, $13 / 4$ in. thick. Plain, not glazed or painted. Price, $\$ 3.50$.

Glazed, primed and puttied. Price, $\$ 7.00$.
Packing Charges on all Glazed Sash, 50c. per Sash additional.

AII Glazed Sash are shipped at purchaser's risk.

## Hotbed Mats

The Burlap style Mats are the best that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

## Burlap, Non-Waterproof.

$40 \times 76$ in., for one sash. Price, each $\$ 2.75$; doz. $\$ 28.50$.
$76 \times 76$ in., covering two regular size sash. Price, each $\$ 3.75$; doz. $\$ 44.00$.
Burlap one side, Waterproof Drill one side. $40 \times 76$ in. Price, each $\$ 3.75$; doz. $\$ 42.00$.
$76 \times 76$ in. Price, each $\$ 5.50$; doz. $\$ 62.00$.


## Sudbury Soil-Test Kit

With this Soil-Test Kit anyone can make practical tests to determine acidity of soil, or any possible deficiency in nitrogen, phosphorus and potash. Complete instructions with each Kit.
Professional Size. Model A. Widely used by large growers, nurseries, greenhouses, and Government stations. Capacity, 200 individual tests. Inexpensive refills available. Price, $\$ 18.50$.
Horticultural Size. Model B. For the advanced amateur, or nurseries, growers, and greenhouses whose requirements do not call for the larger professional equipment. Capacity, 200 individual tests. Inexpensive refills available. Price, $\$ 9.75$.
Club Model, C. This new model in the famous Sudbury line gives a complete season of soil-testing at a far lower price than ever before. Makes 50 individual tests for nitrogen, phosphorls, potash, and acidity, showing how to lime and fertilize for best results. Cased in handsome sturdy imitation leather. Price, $\$ 4.75$.
Home Gardeners Size. Model D. A 20-test Kit. Complete with instructions and data on plant needs. Price, $\$ 2.00$.

## G-E Soil-Heating Units



The use of electric heating cable in hotbeds and propagating benches has become increasingly popular and extremely profitable to the grower.

The Soil-Heating Kit illustrated meets the need for portable automatic equipment which does not require special wiring. It consists of heating cable, thermostat, and the necessary plugs for attaching to any A. C. outlet.
Kit No. 69x787. Thermostat ( 115 volts) assembly and 60 -foot cable for beds up to 36 square feet. Price, $\$ 18.50$.
Kit No. 69x788. Thermostat ( 230 volts) and 120 -foot cable for beds up to 72 square feet. Price, $\$ 23.00$.
Information on larger installations furnished on request.

PRICES SUBJECT TO MARKET CHANGES


The 18 -in. Field Labels are not painted.
If labels are wanted by Parcel Post, add 10 c . per 100 , or 20 c . per 1000 for postage, except on $10-$, $12-$, or 18 -in.

## Economy Pot and Tree Labels

A wonderful Label made of almond wood, which will hold the marking for a considerable time, and, owing to the nature of the wood used, it is not necessary to paint them. Very desirable for those who use Labels in large quantities. Extremely well made.

## Pot Labels-


$31 / 2$-in.

## Celluloid Pot Labels

Made of white celluloid. Excellent for green| house use. |
| :--- |
| No. 21. $4 \times 5 / 8$ in..................... $\$ 040 \quad \$ 200$ |
| Doz. |
| 100 | No. $2 \cdot 5 \times 3 / 4$ in..................... $60 \quad 300$

## Simplex Weatherproof Garden Label



Iron stake, 2 feet Iong. Each Doz. No. $10.23 / 4 \times 11 / 2$ in ..... $\$ 035 \$ 35$ J


Simplex Weatherproof Plant Labels
The material carrying the writing is white celluloid, which is protected by a transparent cover of mica. Mark with an ordinary leadpencil. Prices include wires for attaching.
No. 1. $3 \times 1 / 2$ in.................... $\$ 0$ Doz. $\$ 0 \quad \$ 300$ No. 2. $4 \times \frac{3}{4}$ in..................... . . . $85 \quad 500$ No. 3. $5 x$ in.

125700
If wanted by Parcel Post, add 10c. per 100. for postage.

## MICHELL'S HORTICULTURAL AND AGRICULTURAL ACCESSORIES

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage


## Cel-O-Glass

Takes the place of glass in hotbed sash; unbreakable and so light in weight that it saves much time and work in handling. Running ft. 28 in . wide, cut pieces Full rolls ( 100 ft .) 36 in. wide, cut pieces Full rolls ( 100 ft .)

## Flex-O-Glass

A glazed cloth used in place of glass for poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water, and wind. 3 ft . wide.
Cut pieces
Full roll lots (100 yds.)


A new transparent glass substitute used anywhere that glass is required. Allows passage of more than 60 per cent ultra-violet rays. Made from cellulose and reinforced with a tough netting fabric. Is waterproof and weatherproof and will not discolor or become brittle. $50-\mathrm{ft}$. rolls, 36 in . wide 50 -yd. rolls, 36 in . wide
Less than $50-\mathrm{ft}$. rolls, lineal ft . 19 c .


No. 9. Fibre
No. 8. Corn and Rattan mixed
Golf Greens. Birch . . . . . . Doz. $\$ 3.25$
No. 36. Plain Corn. Extra quality

## Road Brushes (With Handles)

Rattan Push. 14-in......................... $\$ 150$ No. 1416. Bass or Cocoa Push. 14-in..... 165

## Wire Lawn or Grass Rakes

Made of heavy tinned steel wire.
No. 124R. 24-tooth
$\$ 105$
No. 36LR, 36-tooth
175


Ideal for lawn or driveway. Made from spring wire. 24-tooth. Price, $\$ 2.25$.


Made of split bamboo; cleans the Jawn or grass plot zompletely.
18-in., with bamboo handle
$\$ 045$
18-in., with hardwood handle 65 30 -in., with hardwood handle.

## New Lawncomb Rake

The Lawncomb cleans your lawn without injuring tender growing grass. Frame is onepiece steel construction; electrically welded ends. 24-in., natural-finish handle. Price, $\$ 1.75$.

## Wooden Rakes

Ames, 37X. 28-tooth; steel bows
$\$ 135$
Ames. 14-tooth: wood bow. For hay
110


## English Bulb Trowe

Heart-shaped blade, $43 / 4 \mathrm{in}$. wide, for planting out bulbs, etc. Price, 95 c.

## Johnson Trowel

No. 211. These are made of one-piece steel blade and shank. Equal to the imported Trowels.
5-in........... $\$ 085$ | 7-in.
. \$0 95
6-in.
90

## No. D. S. T: Steel Shank Trowel

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 90c. each; doz. $\$ 10.50$.

## Cleves Angle Trowel

For getting dandelion, plantain, and other weeds out of the lawn, etc.


ALL PRICES SUBJECT TO MARKET CHANGES

## Neverbreak Trowel

No. 800. Heavy steel. 5-in. Each $15 \mathrm{c} . ;$ doz. $\$ 1.50$.

## Dibbles

Each
Iron. Wood handle $\$ 090$ Brass. Wood handle. ........................... 135
If wanted by Parcel Post, add 10c. each for postage.


Eureka Weeding Fork

## Weeders

Eureka Weeding Fork. (See cut above.) Short handle, each 65c.; doz. \$6.50. Long handle, each 90 c.
Eureka Weeder. Short handle, each 65c.; doz. $\$ 6.50$.
Long handle, each 90c.
No. 3 W Steel Weeder, each 75c.
Hazeltine Weeder. Each 50c.; doz. $\$ 5.00$.


## Simplicity Hedge Trimmer

No. 100. To be used for fresh new growth only. Will trim every variety of hedge grown and to any shape. Price, $\$ 4.00$ (by P. Post, $\$ 4.25$ ).

## Simplicity Hedge Pruner and Trimmer

No. 101. For pruning back old growth and trimming new. Price, $\$ 5.00$ (by P. Post, $\$ 5.25$ ).

## MICHELL'S HORTICULTURAL AND AGRICULTURAL ACCESSORIES, continued



Clyde Draw Cut Lopping Shears
Lopping Shears
No. 5409. Clyde Lopping. 24-in. handles. Price, $\$ 2.00$.
No. 5402. Clyde Draw Cut Lopping. 30 -in handles. Price, $\$ 4.25$.
No. 1. Disston Lopping. 271/2-in. handles. Price, $\$ 3.35$.
No. 3. Disston Bull Dog Lopping. 271/2-in. handles. Price, \$3.25.
Rhodes Double Cut. 26 and 30 -in. handles. Price, $\$ 5.25$.


No. 2 Forester Lopping Shears

## Forester Lopping Shears

No. 2. 27 in. long. Weight, 4 Ibs. $10 \mathrm{oz} . . . \$ 550$ No. 3. 34 in. long. Weight, 7 Ibs. 4 oz... 635


No. 4

## Disston Pruning Saws

If wanted by Parcel Post, add 15 c . each for postage.
No. 4. 18-in., double edge
$\$ 200$
No. 4. 20-in., double edge
No. 7. 16-in., single edge
200
No. 7. 18-in., single edge
No. 7. 20-in., single edge
No. 50. 14-in., California Pattern. Cres-cent-shaped blade.
No. 5, 20-in double
D27. Steel blade, 6 in. wide at butt; $11 / 4 \mathrm{in}$.
at point; 26 in. long. Hardwood handle. 375

## Tree Pruners

Disston's Little Giant. . . . . . . . . . . . . . . . . $\$ 225$
With saw attachment . . . . . . . . . . 325
No. 111. Disston's Adjustable Pruning Saw

200
The above prices are for Pruner without rope or pole.


## Clyde Tree Trimmer

No. 5407. With pole and remov able cutting blade, complete.
6-ft. . . . . . . . . . . . . . . . . . $\$ 28$ $8-\mathrm{ft}$. $\begin{array}{ll}3 & 85 \\ 3 & 15 \\ 3 & 15\end{array}$
$10-\mathrm{ft}$.
$12-\mathrm{ft}$.
14-ft . .............. 380
Extra BIades for Clyde Pruners, each 25 c .

## Poles for Tree Pruners

10 ft . long, $11 / 2$-in. diam..... $\$ 17$ 12 ft . long, $11 / 2$-in. diam. . . . . 200 14 ft . long, $11 / 2$-in. diam..... 225

Clyde Pruners or Poles are not mailable.

## Bartlett Compound Tree Trimmer

No. 1R. Has a compound lever head and is made with a hook and side lever. Will cut a limb up to $11 / 4$ inches in diameter. Prices with pole complete.

| 6-ft. | \$6 00 | $12-\mathrm{ft}$. | \$7 00 |
| :---: | :---: | :---: | :---: |
| 8-ft. | 625 | 14 -ft. | 750 |
| $10-\mathrm{ft}$. | 650 | $16-\mathrm{ft}$. | 800 |



No. 156

## Pruning Shears

If Pruning Shears are wanted by Parcel Post, add 10c. each for postage.
No. 156. Disston. $81 / 2$-in. . . . . . . . . . . . . . $\$ 325$
No. 127. Disston. 81/4-in.
No. 146. Disston. 9-in.
No. 5. Michell's. 9-in
160

No. 607 Wiss $61 / 2$
Spiral Springs for any of the above Pruning Shears, each 25 c .; doz. $\$ 2.50$.


## Pruning Gloves

No. 280. Horsehide, with Pair gauntlets, lined........... $\$ 200$ No. 217. Horsehide, with gauntlets, not lined....... 175 No. 228F. Horsehide, no gauntlets, not lined...... I 80

## Eezy Wear Garden Gloves. All leather

If wanted by Parcel Post, add 10 c . for postage.

## Pruning Compound

Used for painting the wounds of trees after pruning.
Qt.
Gal
$\$ 045$
Gal

## Grafting Wax

$1 / 4 \mathrm{lb} .20 \mathrm{c} . ; 1 / 2 \mathrm{lb} .35 \mathrm{c}$. ; lb. 60c. (by Parcel Post, 65 c .).


## Tree Scraper

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. Each P.Post No. 3. Short handle . . . . . . . . . . . \$0 70 \$0 80

## Pot Hangers

Each Doz. P.Post Gross
Krick's No. 1. 3 to Per Doz. 5-in. pots......... \$0 06 \$0 55 \$0 $65 \$ 475$ Krick's No. 2. 6 and 7 -in. pots........ $07 \quad 65 \quad 75 \quad 500$
Krick's No. 3. 8 to
10 -in. pots....... 08
75 $85 \quad 550$ $\begin{array}{cccccc}10 \text {-in. pots. . . . . . } & 08 & 75 & 85 & 5 & 50 \\ \text { For all sizes of pots. Made of galvan- }\end{array}$ ized wire. Each 15c.; doz. \$1.15 (by Parcel Post, \$1.25) ; 100, \$9.00.

## Horticultural Knives

A good Knife is an essential to every gardener and florist. Our Knives are all of the best steel and guaranteed to give good satisfaction.

## American.

727W. 2 blades. White handle. Pruning and budding
$\$ 135$
04993. 2 blades. Stag handle. Pruning and budding.
1001. 1 blade. Cocoa handle. Pruning.... 100
$110991 / 2.1$ blade. Aluminum handle. Budding or grafting

## English.

7705. 1 blade. Stag handle. Extra heavy pruning.
7706. 2 blades. White
handle. Pruning and budding

325

## Hotbed Thermometer

No. 20450. Iron Point. Oxidized finish. Price, \$2.75.

## Thermostats

Furnished complete with the exception of wire, battery, and bell. AlI brass. Price, f.o.b. Philadelphia.
No. GH3. Not waterproof
style. Price, \$12.50
(f.o.b. factory, \$12.00).


No. GH4. Waterproof
style. Price, $\$ 18.50$ (f.o.b. factory, $\$ 16.00$ ).

## BOOKS FOR THE FLORIST

Commercial Flower Forcing
The fundamentals and their practical application to the culture of greenhouse crops. By Alex Laurie and C. C. Chadwick. 519 pages. Price, $\$ 4.00$.

## New Album of Floral Designs

138 designs, all but 4 being 1 design to a page. List of flowers in season. Each design is numbered and a descriptive list inserted in book gives a description and range of price. By Robert Kift. 148 pages, $71 / 2 \times 91 / 2$. Price, cloth, $\$ 1.00$.

Chrysanthemum Culture (White). \$2 00
Commercial Floriculture (Bahr) . . . 550
Greenhouse Construction (Wright) . 200
Handbook of Plants (Henderson) . . . 350

# MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES 



## Thermometers

No. 7022. Maximum and Minimum. Registers the coldest and the warmest points during the previous night. $10 \mathrm{in} . . .$. . . . . . . . . $\$ 5.00$. Tested Grade. Each Doz. No. 5041. Tin Case. 8 in. Red Column.
No. 5043. Tin Case. 10-in. Red Column
No. 5052. Copper Case. 8-in. Red Column.................... 10 -in. Red No. 5054. Copper Case. 10-in. Red No. 5023. Wood Back. 8-in. Black Scale. Te........................ 8-in. White enamel, red column. No. 5316A. Temprite Window or Wall. 8-in. White enamel, red column.

## Glass Dairy Thermometer

No. 5715. For use also in testing soil

## Mushroom or Hotbed Thermometer

No. 20450. Iron Point. Silver Column... $\$ 275$

## Neva-Clog Stapling Pliers

Operated in the hand like a pair of scissors Staples are fed in one strip fastened together in cartridge form. Has an ejector which automatically throws out accidentally closed staples. 100 staples to a cartridge. Price, $\$ 4.75$.

## Neva-Clog Staples Box (1000) 45c.

## Markwell Plier Stapler

No. RX46. An ideal device for every office, professional or businessman, florist, store, factory, school and home. Compact and light in weight. Price, $\$ 2.90$.
Staples for above $1000,30 \mathrm{c}$.; 10000, \$2.75.


$$
\begin{aligned}
& \text { Hose Washers (Rubber) } \\
& \text { 8/-in. } \\
& \begin{array}{rrrr}
\$ 0 & 25 & \$ 0 & 70 \\
30 & & \$ 0 & 180 \\
& & 105
\end{array}
\end{aligned}
$$

Hose Bands (Caldwell's)
If wanted by Parcel Post, please add 5c. per doz. and 15 c . per gross for postage. Pliers for above, pair 35c. (by Parcel Post,

PRICES SUBJECT TO MARKET CHANGES


## Rubber Hose

Michell's Special, 1/2-in.
Black Bull Dog. $3 / 4$-in
Michell's. $5 / 8-1$ Braid.
Spray Pump Hose. $3 / 8$-in

Per ft .
Per 22

All brands come in reels of 500 feet and sect in any length to that number of feet may be had.
25 - and 50-foot sections of Hose coupled free. Smaller sections coupled at the rate of 20 c . per pair for couplings attached.

## Sure Grip Hose Bands

Can be furnished in $1 / 2$-in., $5 / 8-\mathrm{in}$. and $3 / 4$-in. size at each 5c.; doz. 45c. (by Parcel Post, 60c.) ; 100, $\$ 2.60$ (by Parcel Post, $\$ 2.80$ ).


## Brass Hose Couplings

| Pair | Doz. | By P.P. |
| :---: | :---: | :---: |
| \$0 40 | \$4 50 | \$4 60 |
| 40 | 450 | 460 |
| 40 | 450 | 460 |

## d/8-in., long shank

3030

## Perfect Hose Couplings

Equipped with a clamp on the male and female part for securing to the hose; no band required. For $1 / 2$ - and $3 / 4$-in. hose mention which is wanted when ordering. Pair 35c. (by Parcel Post, 40c.) ; doz. pairs $\$ 3.50$ (by Parcel Post, \$3.75).

## Hose Menders

If wanted by Parcel Post, add 10c. per doz.

 Cooper's. $1 / 2$-in. . . . . . . . . . . . . . . . . . . . . $12 \quad 135$

## Perfect Hose Menders



For $1 / 2$ - and $3 / 4$-in. hose, each 12c.; doz. $\$ 1.10$ (by Parcel Post, $\$ 1.20$ ) $100, \$ 7.50$.

## Noscrew Hose Clamp

Installed instantly; no screw-driver or tools of any kind required. For $1 / 2-1 n ., 1 / 8-1 n$, and $3 / 4$-in. hose, each 9c.; doz. 90c.

## Siamese Hose

## Connection

This permits one lead of hose to be diverted in two directions. Additional twoway connections can be used, according to the water pressure. Price, $\$ 1.40$ (by Parcel Post, \$1.50).


## Shut-Off Connection

Cast-brass, polished, $3 / 4$-in. male thread on one end and $3 / 4-\mathrm{in}$. female thread on the other. Price, $\$ 1.40$ (by Parcel Post, \$1.50).

## Hose Reducers

Reduces 1 -inch pipe to fit regular $3 / 4$-in. hose. All brass. Price, 45c. (by Parcel Post, 50c.). Reduces $3 / 4-\mathrm{in}$. pide to fit regular $8 / 8$-in. hose. Price, 85c. (by Parcel Post, 95 c .).


## Paradise Nozzle

10-in............ $\$ 2$ | 50 -in .
$\$ 300$

## Flaring Rose Sprinkler

Ejects a fanlike spray. Especially adapted for sprinkling flowers. Price, 50c. (by Parcel Post, 60 c .).


## Michell's Garland Nozzle

A fine Nozzle
for watering benches. Price, 50c.


## Greenhouse <br> Spray Nozzle

(for $3 / 4-\mathrm{in}$. hose)
Light Copper. Price, $\$ 2.00$ (by Parcel Post, \$2.10).


Heavy Brass. Price,
$\$ 1.35$ (by Parcel Post, \$1.45).


For $3 / 4$-in. hose. Price, 65c. (by Parcel Post, 75 c .).


Easily adjusted. Price, 70c. (by Parcel Post, 80c.).

## Auto Spray

A compressed-air Sprayer with open head and strongly reinforced corrugated tank.
No. 4B. Brass Tank. Capacity, 4 gals. Equipped with Hose and Auto-Pop Nozzle Attachment. Price, $\$ 12.55$ (by Parcel Post, $\$ 12.85$ ).
No. 4D. Steel Tank. Capacity, 4 gals. Equipped with Hose and Auto-Pop Nozzle Attachment. Price, $\$ 7.65$ (by Parcel Post, $\$ 7.90$ ).
No, 250D. Steel Tank. Capacity, 21/3 gals. Equipped with Hose and Auto-Pop Nozzle Attachment. Price, $\$ 4.50$ (by Parcel Post, $\$ 4.75$ ).
Auto-Pop Nozzle Attachment. Controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately, Price, Plain, $\$ 1.75$ (by Parcel Post, \$1.85) ; complete with Hose, \$2.00 (by Parcel Post, \$2.15).

## Hydrant Attachments

Used for attaching hose to smooth faucets.
No. 2. For small Each P.Post
 No. 3. For Iarge
spigot. . . . . .... 95105

## Misto Bottle Sprayer

For applying water to cutflowers, funeral and other design work. Makes a fine mist, avoiding all drip. Made of metal, nicely nickeled. Price, with bottle, $\$ 1.60$ (by Parcel Post, $\$ 1.70$ ); per 6, $\$ 9.00$ (by Parcel Post, $\$ 9.25$ )

## Rubber Spray Bulb

Can be used for spraying either liquid or powder. Spray-head is removable. Price, 8 -oz. size, 75 c .; 14-oz. size $\$ 1.15$.


Especially desirable for the reason that it is not necessary to strain the material. Excellent for applying whitewash.
No. O. Capacity, $31 / 2$ gals. Equipped with 4 -ft. Hose, a 3 -ft. Spray Pipe, and 3 Spray Nozzles. Price, $\$ 12.60$.
No. 1. With a 6 -gal. Reservoir. Equipped with $5-\mathrm{ft}$. Hose, $5-\mathrm{ft}$. Spray Pipe, and 3 Nozzles. Price, $\$ 17.80$.
No. 3. With 12-gal. Tank mounted on a Truck, $71 / 2-\mathrm{ft}$. Spray Pipe, 3 Nozzles, and $10-\mathrm{ft}$. Hose. Price, $\$ 23.50$. Without Truck, $\$ 19.85$.

We can also supply this Sprayer with single wheel at same price.
No. 4. Capacity, 28 gals. Mounted on a twowheel Truck, with $10-\mathrm{ft}$. Spray Pipe, $20-\mathrm{ft}$. Hose, and 3 Nozzles. Price, $\$ 38.75$.
No. 5. Capacity, 50 gals. Equipped with $25-\mathrm{ft}$. Hose, $10-\mathrm{ft}$. Extension Pipe, 3 -way Spray Nozzle, and one Single Spray Nozzle, no Truck. Price, $\$ 45.00$. With Truck, $\$ 70.00$.
B41. Extra Washers for Pump Plungers for Paragon Sprayers, 25c. each.

## Fittings for Paragon Sprayers

 Sprayers, 60c.

Couplings extra

Extension Pipes, Etc.
For reaching into trees ( $3 / 8$-in. threads). Fach
 *Brass. For Auto Sprays. 2 -ft.
Pet Cock. For extension pipes 70
100
*Paragon Extension. 21/2 ft. .
"If wanted by Parcel Post, add 10 c . for postage

## Aprons

For protecting the clothing while watering, etc. Rubber Each
Rubber.
Blue Denim

## Hand Sprayers

Michell's. (Compressed Air.) Each P.Post
Tin.
$185 \$ 05$

## Streamline Blizzard Sprayer


lbs. Continuous spray. $\$ 2.50$.

## Gould Spray Pumps

This make of Spray Pump has been favorably regarded by gardeners, farmers, and fruitgrowers for years.
Pomona. No. 1744. Plain Barrel Pump, no Hose, Nozzle, or Barrel. Price, $\$ 27.00$
Fruitall. Plain Pump, no Hose, Nozzle, or Barrel. Price, $\$ 15.00$
Barrels. 50 -gal. capacity. Price, $\$ 7.75$.
Truck. With $31 / 2$-in.-tire wheels. Price, $\$ 23.75$.



Harco Sprayer Here's the efficient, easy-to-use Sprayer you want at the down-to-earth price. Sprays up, down, sideways, without adjustment. No leaks or drips to wet hands or stain clothing. Order yours today. Price, $\$ 2.15$.

## Jake

## Buckeye Sprayer

Tank 1-gallon capacity, constructed of heavy galvanized sheetiron, copper riveted, with seamless brass pump which fastens to tank by thread cap and screws to brass tank collar. It is equipped with polished brass lever handle, spring key aircock which will withstand 50 -pound pressure. No washers to get out of order and no leakage. Price, $\$ 3.60$ (by Parcel Post, \$3.85).


## Myers' Bucket Pump

This is a double brass chamber arrangement. Price, $\$ 6.10$, including Hose and Nozzle (by Parcel Post, $\$ 6.25$ ).


Perfect Success


Myers' Pump

## Bucket Spray Pump

The prices below do not include Bucket, but include Nozzle and $31 / 2-\mathrm{ft}$. $3 / 8$-in. hose
No. 689. Perfect Success (with Bucket Fastener). Price, $\$ 8.75$ (by Parcel Post, $\$ 9.00$ ).


Rubber Goggles
For protection of the eyes while working with harmful dusts and gases. Price, $\$ 2.00$.

## Dupor Respirator

For protection from harmful dust and light fumes (not effective against poisonous gas). Should be worn when working with insecticidal dusts, arsenicals, and dry fertilizers. Covers nose and mouth. Price, $\$ 2.00$.

## Wheelbarrow Sprayer

No. 50. Adapted for spraying vegetable crops, flowers, orchards, etc., also for spraying disinfectants. Steel frame; galvanized Tank; allbrass Pump; all working parts brass. 8 -ft. Hose. Price, $\$ 17.00$.

ALL PRICES SUBJECT TO MARKET CHANGES

## MICHELL'S SPRAYING AND INSECTICIDE APPARATUS

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage

## Wheelabout Sprayer

Narrow enough to go through the aisles of a greenhouse, the extreme width being 18 inches. The 24 -inch wheel, with a 3 -inch tread, makes it easily handled over soft and rough ground Pump has $11 / 2$-inch diameter cylinder, with adjustable stroke. Equipped with 12 -gallon Galvanized Tank, $10-\mathrm{ft}$. Hose, 4 - ft. Extension Pole, Nozzle, and Shut-off Valve. Price, $\$ 33.50$.


## Myers Power Sprayers

The Myers power-operated WheelbarrowType Sprayers have been developed to meet an insistent demand for small-capacity, lightweight, portable Power Sprayers for greenhouses, estates, golf greens, gardens, truck patches, beans, strawberries, or wherever a Sprayer of this type is desired for the efficient and economical application of spraying materials. Can also be used for white-washing.

Especially recommended for greenhouse use.
Price includes: 15 ft . of $3 / 8$-in. hose; Fig. 1283 Lever Shut-Off, Fig. 2957 Adjustable Nozzle, 18 -in. Pipe Extension, and $300-\mathrm{lb}$. Pressure Gauge.
No. 806-MGHS. Motor-driven, with 50 ft . of cord and plug; steel wheel. Weight, 180 lbs . No. 806 -MGHR. Motor-driven, with 50 ft . of cord and plug; Weight, 180 Ibs.
No. 806-EGHS. Engine-driven. Steel wheel. Weight, 182 lbs.
No. 806-EGHR. Engine-driven. Weight, 182 Ibs. Price on application


Spray Nozzles ( $3 / 8$-in. thread) Each Mistry, Jr. (Fig. 1688). Straight style . . $\$ 110$ Mistry, Jr. (Fig. 1691). Angle style.
Fig. $10741 / 2$. Y connection for making a double spray-head nozzle Bordeaux (Fig. 1692) If Nozzles are wanted for $3 / 4-\mathrm{in}$. hose connec tions, add 60 c .



No. 100. Price, $\$ 12.00$.
A well-made Duster with steel-cut gears that run in oil. Revolving agitator feeding device with handy control and volume indicator. Curved adjustable body support. For dusting all low-growing crops such as beans, melons, potatoes, tomatoes, cabbage, berries, tobacco, cotton, etc. It can be used very effectively on shrubbery and small trees. Discharge equipment includes four 15 -inch pipes, one branch connection, two elbows and two nozzles. Capacity, 3 to 6 Ibs. This Duster can be made to discharge dust in rear of operator, by addition of No. 1208 fittings. One in carton. Weight, 14 lbs.

## Brown's Crystal Duster

A new-type Duster recommended for use in dusting truck crops in the garden, flower-beds, etc. The glass-jar feature enables the operator to see the amount of dust in the container; equipped with a long extension and adjustable nozzle. Capacity, 1 qt . Price, $\$ 1.65$.

## Cyanogas Foot Pump Duster

A high-pressure pump of rugged construction, ideal for use in extermination work for rats, woodchucks, moles and other burrowing animals. Easily forces Cyanogas A-Dust deep into the burrows of the pests-killing them instantly. Price, $\$ 7.25$.


## Rubber Sprinklers

For sprinkling cut-flowers, seedlings, etc. Spraywell style in either straight or crook neck.

|  | Each |
| :---: | :---: |
| 8-oz. capacity | \$0 75 |
| 14-0z. capacity | 115 |
| No. 1. Scollay. | 125 |

Watering Cans (Wotherspoon)
Galvanized, extra heavy, with long spout and two roses-one coarse and one frne. Round Oval

 10-qt. . 12-qt.
16-qt. either coarse or fine, 50c. each.

Dobbins Duster


No. 132. Price, $\$ 1.25$.
Highly recommended for applying the more expensive Pyrethrum, Rotenone, and Derris Root dust insecticides with economy and effectiveness. A new principle assures a uniform discharge. Equipped with 2 -foot extension with patented 2 -way cap for dusting top and underside of leaves. For all garden and freld crops. Will handle all dust insecticides. Capacity, 1 lb . Pump: 4-in. diameter, $71 / 2$-in. stroke. Equipped with Self-Lubricating Pressure Seal Valve Plunger. Powder Chamber: 3-in. diameter, $41 / 2 \mathrm{in}$. Iong. Furnished with 2 -way dust cap, perforated for dusting top of leaves and slit for underleaf dusting. 24-in. extension tube.

## Dragon Hand Duster

Light, compact, sturdy, efficient. Large, powerful bellows with spreader. Excellent for dusting either hill crops or underside of foliage. Capacity, 2 to 4 lbs. Price, $\$ 8.00$.


Specially designed for applying Cyanogas A Dust in small quantities. Price, $\$ \mathbf{3 . 5 0}$.

## Hudson Duster

No. 606. Adapted for small truck farms, gardens, small orchards, and vineyards, as well as cemeteries and other places. Will handle all agricultural dusts. Four-blade, high-speed fan. Equipment includes 2 Nozzles, Y connection, and $415-\mathrm{in}$. Telescoping Tubes. Made of heavy steel and machine-cut gears. Price, $\$ 12.50$

No. 1

Bellows Each
Small Pingle-Cone. Post

## Vaporizing Lamp

All metal; practical and indestructible. Burns kerosene. Used for dispensing fumes of Nikoteen and other preparations of this sort. Each 70c. (by Parcel Post, 80c.); 6 for $\$ 3.75$ (by Parcel Post, $\$ 4.00$ ); doz. $\$ 7.00$ (by Parcel Post, $\$ 7.25$ ).

All Prices Subject to Market Changes

## MICHELL'S SUNDRIES FOR FLORISTS, ETC.

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage

Pittsburgh Plant Support Fabric


This new mesh, quickly and easily erected and durable for many years, eliminates the old method of handstringing supports both inside and outside of greenhouses.

No. 14 gauge selvage wires, all other wires No. 16 gauge; all heavily galvanized and each joint electrically welded. Put up in rolls of 100 and 200 lineal feet. Fabric available in the following sizes and widths:
$8 \times 4$-in. mesh, 40 in wide $8 \times 4-\mathrm{in}$. mesh, 40 in . wide.
$4 \times 8$-in. mesh, 48 in . wide.

## Plant Stakes

|  | Plant Stakes |  |  |
| :---: | :---: | :---: | :---: |
| No. 10 Steel Wire, Galvanized |  |  |  |
|  | Doz. | 100 | 1000 |
| 2 -ft. | \$0 25 | \$1 20 | \$9 90 |
| $21 / 2-\mathrm{ft}$. | 30 | 150 | 1235 |
| $3-\mathrm{ft}$. | 35 | 165 | 1485 |
| $31 / 2$-ft. | 40 | 200 | 1735 |
| 4 -ft. | 45 | 250 | 1980 |
| $41 / 2 \mathrm{ft}$. | 50 | 275 | 2250 |
| $5-\mathrm{ft}$. | 55 | 290 | 2475 |
| 6 -ft. | 60 | 345 | 2970 |

No. 8 Steel Wire, Galvanized
For staking American Beauty and other strong-growing roses. Doz. 100 2
2
3
3
4
4
5
6


\section*{Green-Painted Heavy or Dahlia Stakes <br> |  | Doz. | 100 |
| :---: | :---: | :---: |
| 3-ft. | \$1 50 | \$9 75 |
| 4-ft. | 175 | 1200 |
| 5-ft. |  | 1600 |
|  |  | 187 |


| Square Painted Plant Stakes |  |  |
| :---: | :---: | :---: |
|  | Doz. | 100 |
| $11 / 2-\mathrm{ft}$. | \$0 25 | \$1 65 |
| 2 -ft. | 35 | 225 |
| 21/2-ft. | 40 | 265 |
| $3-\mathrm{ft}$. | 95 | 675 |
| $4 \mathrm{-ft}$. | 150 | 1075 |
| $5-\mathrm{ft}$. | 225 | 1600 |
| 6 -ft. | 250 | 1875 |


| Split Bamboo Stakes |  |  |
| :---: | :---: | :---: |
| Pointed on one end. | 1000 | 5000 |
| 12-in. . . . . . . | \$1 25 | \$5 75 |
| 15-in. | 150 | 700 |
| 18-in. . | 175 | 800 |



## Chinese Tonkin Bamboo Stakes

A heavy, substantial stake for dahlias, ivy, $\begin{array}{lccc}\text { young trees, etc. } & 100 & 1000 \\ 4 \mathrm{ft} \text {. high, } 1 / 2-\text { to } 5 / 8 \text {-in. diam..... } \$ 550 & \$ 5000\end{array}$ 6 ft . high, $5 / 8$ - to $3 / 4$-in. diam..... 7507000
Dowel Sticks for spray backing. Light and strong, $3 / 8$-inch diameter.
2 ft .
$21 / 2 \mathrm{ft} .$.
$\$ 200$
$3 \mathrm{ft} . .$.
225

## Stake Fasteners

Everlasting Style. Heavy. 500 for $\$ 1.60$; $1000, \$ 3.00 ; 5000, \$ 14.00$. See illustration No. 14.
Eureka Style. Light. Per 1000, \$2.75; 5000, \$13.00. See illustration No. 13.
If wanted by Par cel Post, add 10 c . per $500 ; 15 \mathrm{c}$. per 1000 for postage.


## Lightning Wire Stake Tie

Takes the place of twine; can be used more quickly and many times. Per 1000, \$1.75 (by Parcel Post, \$1.85); 5000, $\$ 3.25$ (by Parcel Post, $\$ 8.50$ ); 10,000 , $\$ 16.00$.
Tie your plants with "Twist-Ems." See page 2.

## Poles for Tree Pruners

10 ft . long, $11 / 2$-in. diam..
12 ft . long, $11 / 2$-in. diam.
14 ft . long, $11 / 2$-in. diam.
Bamboo Poles

$18-\mathrm{ft}$.
20-ft. .
12-ft. Bamboo Poles for Asbestos Torches. Each \$1.50.

All Prices Subject to Market Changes


Wire, Annealed
Prices subject to change
No. 16. 12-Ib. stone. . . . . . . . . . . . . . . . . . . $\$ 180$
No. 18. 12-1b. stone. . . . . . . . . . . . . . . . . . . . $\$ 180$
No. 18. 12-lb. stone. . . . . . . . . . . . . . . . . . . . . 19295
$\begin{array}{ll}\text { No. 20. 12-Ib. stone. . . . . . . . . . . . . . . . . . . . . . . . . . } 2 & 25 \\ \text { No. 22. 12-lb. stone. . . . . . . . . . . . } & 25 \\ \text { No. }\end{array}$
No. 24. 12-lb. stone 250
No. 24. Bright annealed. Spools of about 8 ozs, Price, each 25 c .; doz. $\$ 2.50$.

## Galvanized

No. 16. 12-ib. stone. . . . . . . . . . . . . . . . . . . . $\$ 200$
No. 18. 12-lb. stone.
No. 19. 12-lb. stone.
No. 20. 12-Ib. stone.
No. 22. 12-Ib. stone.
No. 19. Tinned. Cut to $81 / 2 \mathrm{in}$. long,
10-Ib. box. .

## Cut Bouquet Wire

## For stemming flowers, etc.

| Cut 9, | ngth. | Box |
| :---: | :---: | :---: |
| No. 18, 18 in , only. | \$0 20 | \$185 |
| No. 19. 18 in. only. | 25 | 200 |
| No. 20. | 25 | 215 |
| No. 21. 18 in. only | 30 | 240 |
| No. $22 . .$. | 30 | 260 |
| No. 24 | 35 | 285 |

## Cut Bouquet Wire

Painted Green
Does not rust. Ideal for corsage work. Cut 9, 12, or 18 inches in length. Lb. Box ( 12 lbs .)
 No. 24 .
$\begin{array}{ll}40 & 3 \\ 4\end{array}$


Florist Shears
No. 369. 7-in.; serrated edge; long blade.. $\$ 175$ No. 833. $71 / 2$-in.; short blade. . . . . . . . . . . . 160 No. 832. 8-in.; long blade.................... 160


## Eversharp Flower Shears

No. 1248. Wonderful help for cutting and gathering flowers. Snips and holds in one motion. Handy for picking flowers that are hard to reach. Price, 95 c . (byParcel Post, \$1.05).

## Dependable Florists' Supplies at reasonable prices

## MICHELL'S SUNDRIES FOR FLORISTS, ETC., continued

Wire and Tin Shears
No. 12. 8 -in...
No. 10. $10-\mathrm{in}$.

## Carnation Mending Devices

Staples. For calyx mending. Per 1000, 30c.; $5000, \$ 1.45 ; 10,000, \$ 2.70 ; 25,000, \$ 6.50$; 50,000, \$12.50.

## Carnation Supports

The best double Support on the market Made of Nos. 11 and 14 galvanized wire, 28 in. high. Can be put together in less than a minute; will not fall apart. Per $100 \$ 14.00 ; 1000, \$ 130.00$.

## Michell's Snapdragon Supports

The only Support of the kind on the market and indispensable to the proper growing of this popular plant. Doz. $\$ 2.00 ; 100, \$ 15.00$.


Cut-Flower Boxes (Corrugated Paper)
Used almost exclusively for carrying and shipping cut-flowers, as they are lighter than wooden ones. Prices include clips for setting up. $48 \times 14 \times 8$ in Each Doz. 100 $48 \times 14 \times 8 \mathrm{in}$.
$42 \times 14 \times 8 \mathrm{in}$.
$36 \times 14 \times 6$ in.
$30 \times 12 \times 6 \mathrm{in}$. $\begin{array}{rrrrr}\$ 0 & 60 & \$ 5 & 50 & \$ 32 \\ 50 & 4 & 00 \\ & 40 & 28 & 50\end{array}$
$24 \times 8 \times 5 \mathrm{in}$.

## Boxes for Store Use

Mist-green, lined white inside. The sizes offered in this finish are carried in stock; other sizes in this finish, also in manila mist, tan, and Oxford gray, can be supplied on short notice. Boxes shipped from stock are supplied not printed only-we can furnish boxes printed, shipment from factory in about two weeks.

|  | Price f.o.b. P Philadelphia |  | Price f.o.b. factory |
| :---: | :---: | :---: | :---: |
|  |  | 100 |  |
| *18x $5 \times 3$ in. | \$0 60 | \$4 25 | \$4 00 |
| $21 \times 5 \times 3$ in. |  |  | 450 |
| $21 \times 7 \times 31 / 2 \mathrm{in}$. |  |  | 650 |
| *24x $5 \times 31 / 2 \mathrm{in}$. | 95 | 675 | 625 |
| $24 \times 8 \times 4 \mathrm{in}$. | 120 | 875 | 800 |
| $24 \times 8 \times 5$ in |  |  | 900 |
| $28 \times 8 \times 4$ in |  |  | 900 |
| *28x $8 \times 5$ in | 175 | 1150 | 1100 |
| $30 \times 5 \times 4$ in |  |  | 770 |
| *30 x $10 \times 6 \mathrm{in}$. | 225 | 1575 | 1470 |
| *30 x $12 \times 7 \mathrm{in}$. | 260 | 2025 | 1900 |
| $36 \times 6 \times 5$ in |  |  | 1200 |
| * $36 \times 8 \times 5 \mathrm{in}$. | 225 | 1475 | 1400 |
| $36 \times 10 \times 6$ in. | 250 | 1875 | 1800 |
| $42 \times 8 \mathrm{x}$ | 250 | 1875 | 8 |

Sizes marked * are carried in stock in Philadelphia; the other sizes are shipped from the factory in New York State in lots of not less than 50 of a size.
$5 \%$ discount from above prices for lots of 250 to 500.
$10 \%$ discount from above prices for lots of 500 or more.

## Seed-Flats

Finest quality white Cedar. Shipped knockeddown. Packed 10 to the bundle. Dimensions given are inside measurements. $12 \times 18 \times 3 \mathrm{in}$.
$14 \times 20 \times 3 \mathrm{in}$.
$820 \times 3 \mathrm{in}$.
$\times 20 \times 4 \mathrm{in}$.
F.o.b. Burlington, N. J.

Violet and Corsage Boxes

## Wire Baskets

Complete with hanger

|  | Wire Baskets <br> Complete with hanger |  |
| :---: | :---: | :---: |
|  | Each | Doz. |
| 8 -in. | \$0 35 | \$3 50 |
| 10-in. | 55 | 550 |
| 12-in. | 85 | 850 |
| 14-in. | - 110 | 1100 |
| 16-in. | - 135 | 1350 |



## Moss

We make a specialty of Iong, clean, selected Sphagnum Moss. Florists will find the quality we furnish to be much better than the average
Sphagnum, Live or Green. Pk. 35c.; bus
$\$ 1.25$; bbl. (about 3 bus.) $\$ 3.00$.
Sphagnum, Dry. Bbl. bag (about $21 / 2$ bus.) \$1.25.
Sphagnum, Dry. Finest quality. Burlapped bale $\$ 3.25$; 10 bales $\$ 28.50$.
Green Lump. Pk. 40c.; bus. $\$ 1.25$; bbl. bag (about 2 bus.) $\$ 2.00$.
Green Sheet. Bag (about 2 bus.) \$2.75.

## Wired Toothpicks

Regular Size
$1000 \ldots \ldots$.
$10,000 \ldots \ldots$
$50,000 \ldots \ldots$

## $\begin{array}{rr}\$ 0 & 50 \\ 3 & 50\end{array}$

50,000
3 -in., dyed green.
Box, 8000 .
Case, 40,000
4-in., dyed green. Box, 4500 .
Case, 10,000
6-in., dyed green.
Box, 3000

If wanted by Parcel Post, please add for postage as follows: 10 c . for 1 lb .; 15 c . for 5 lbs .; 20c. for 10 lbs .

Plain........... 6 in. $40 \quad 170 \quad 325$
V
Green Foil
$\begin{array}{llll}.6 \mathrm{in} . & 65 & 300 \\ .6 \mathrm{in} . & 65 & 300\end{array}$
Ask for prices on large quantities of Foil
Tinfoil Holder and Cutter for rolls of Tinfoil.
Price, 85c. (by Parcel Post, $\$ 1.00$ ).

## Tape

For tying boxes and packages.
Christmas Red. 1000 -yd. spools $\$ 5.25$ (by Parcel Post, \$5.40).
Moss Green. 1000-yd. spools $\$ 4.10$ (by Parcel Post, \$4.25).

## Crepe Paper

Papyrus Brand. Of domestic manufacture The best Crepe Paper on the market. Waterproof, heavy and strong. Why experiment with inferior paper? In moss-green, nile-green, red, blue, pink, yellow, purple, lavender and white. Roll 45c.; doz. $\$ 4.25$; $100 \$ 30.00$.


Green Wax. In 3-in. wide rolls, for wrapping frames of designs. Price, per roll 30 c. ; per doz. rolls $\$ 3.00$.


Iron Plant Stands
Enameled green.
Size of Plates Each

| 12 in. | 5 x |
| :--- | :--- |

18 in. $5 \times 7 \mathrm{in} . . . . .200$
$30 \mathrm{in} .8 \times 101 / 2 \mathrm{in} . . .285$
36 in. $8 \times 101 / 2$ in... 300
42 in. $8 \times 101 / 2 \mathrm{in} . . .310$
$48 \mathrm{in} .8 \times 12 \mathrm{in} . . . .335$
72 in. $8 \times 12$ in..... . 400
Extra Plates for Stands
Each Each
$\$ 070$

100
145


Twines, Etc.
White Cayuga Twine. No. 108. Ball Lb.
Medrum.......................... $\$ 0$ 50 \$0 90
White Cayuga Twine. No. 208.
Heavy..........................
per ball, $1 / 2 \mathrm{Ib}$. 5 lbs. $\$ 2.00$; 10 lbs. $\$ 3.50$.
Green Sea Island. . $5 \mathrm{lbs} . \$ 5.50 \ldots 20 \quad 135$
Special White Cotton. 3-ply... 2070
Special White Cotton. 4-ply... 2070
Tarred. For mat-making. . . . . . . 40
Binder. 5 - lb. balls, $\$ 1.10 ; 5$ balls, $\$ 5.00$; 10 balls, $\$ 9.00$.
Express. No. 6. Very heavy . . . . . 35
Belgium Twine. No. $41 / 2$. Me-
Green Silkaline. F, fine; FF medium; FFF, coarse. Spool 45 c. ; lb. ( 8 spools) $\$ 2.75$
Everbest Twine. A green linen thread. Spool $20 \mathrm{c} . ; 1 \mathrm{lb} . \$ 1.40 ; 5 \mathrm{lbs} . \$ 6.50 ; 10 \mathrm{lbs} . \$ 12.50$.

PRICES SUBJECT TO MARKET CEANGES

# MICHELL'S SUNDRIES FOR FLORISTS, ETC., continued 

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage


Peerless


Raffiatape

## Florist's Peerless Twine

For tying up flower-boxes, designs, etc. Very attractive. Color, Nile green. 1-1b. tube $\$ 1.35 ; 5$ lbs. $\$ 6.25$.

## Raffia

We make a careful selection o long, broad strands for our trade.
Natural Color. $1 / 2 \mathrm{lb}, 45 \mathrm{c}$. (by Parcel Post, 55c.) ; 1b. 80c. (by Parcel Post, 90c.) ; 5 Ibs. $\$ 3.75$ (by Parcel Post, \$3.90).
Green. $1 / 2 \mathrm{lb} .55 \mathrm{c}$. (by Parcel Post, 65c.) ; 1b. 90c. (by Parcel Post, \$1.00); 5 lbs. $\$ 4.10$ (by Parcel Post, \$4.25).

## Raffiatape

This article is made of a composition of paper and linen, and is tremendously strong. It is about $1 / 8 \mathrm{in}$. wide, and comes 250 yards to a spool. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Color, Nile green. Spool of 250 yds. 90c. (by Parcel Post, $\$ 1.00$ ); 6 spools, $\$ 5.00$ (by Parcel Post, \$5.15).
Raffia

## New Philly Fern Pin

A distinct achievement of real value to every florist. Easier to push in place. Easier to handle. Easier on the fingers. The bend holds the leaves firmly. No danger of leaves breaking loose as with the old-style pin. The S-shaped top presses securely on the leaf, making it stay where you put it. And they cost no more than ordinary pins. 10 -1b. box $\$ 2.75 ; 10$ boxes $\$ 26.50$.

## Tran

## Glass Cutters

Each
No. 8. Small Diamond. Ebony handle. $\$ 650$ No. 8A. Large Dlamond. Mahogany handle
Single Wheel. Steel
Doz. \$2.50
6-Wheel. Adjustable 50

Parcel Post charges cover postage and special packing required

## Glazing Points

Peerless No. 1 and 2. For single-thick glass.
No. 21/2. For double-thick glass.


Per 1000, 75c. (by Parcel Post, 85 c .) ; $5000, \$ 3.60$ (by Parcel Post, \$3.75).
Pincers. For driving Peerless
No. 1. Peerless No. 2. Seibert's. Points. Pair $\$ 1.00$ (by Parcel Post, \$1.10).

Seibert's Style Points. Zinc. Three sizes. $5 / 8$-, $3 / 4-$, and $7 / 8$-inch. Lb. 70c. (by Parcel Post, 80 c .) ; 5 lbs. $\$ 3.30$ (by Parcel Post, $\$ 3.45$ ) ; 10 lbs. $\$ 6.25$ (by Parcel Post, $\$ 6.45$ )
Zinc Nails. $5 / 8-, 3 / 4-$, and $7 / 8$-inch. Lb. 70 c . (by Parcel Post, 80 c .) ; 5 lbs . $\$ 3.25$ (by Parcel Post, \$3.45).

## Putty Distributor

The best appliance for distributing putty. Price, $\$ 1.35$ (by Parcel Post, $\$ 1.45$ ).


Putty Distributor

## Mastica Machine

Price, $\$ 3.50$ (by Parcel Post, $\$ 3.60$ ).

## Black Glazing Cement (Masticote)

For waterproofing greenhouse gutters, roofs, etc.; also for making sash-bars water-tight. Gives excellent satisfaction. Apply with a mastica machine. Gal. $\$ 1.35$; 5 gals. $\$ 5.00$.

## Keystone Liquid Glazing Putty

Especially adapted for glazing wood and metal sash. Can be applied with a putty bulb or gun, making a perfectly water-tight job. Gal. $\$ 2.25$; 5 gals. $\$ 9.50$; $1 / 2 \mathrm{bbl}$. (about 30 gals.), \$1.70 per gal.; bbl. (about 50 gals.), $\$ 1.55$ per gal.

## Peerless Glass Repair Clamp

Will not rust. Saves lights of glass worth from 40 to 50 cents each. 100, $\$ 1.80$ (by Parcel Post, \$1.90).

## Greenhouse White Paint

Undoubtedly the best and most economical White Paint on the market today. Gal. \$4.25; 5 gals. $\$ 19.00$.

## Skybryte Glass Cleaner

For taking off whitewash shading, etc. Coat the glass with Skybryte, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 feet of glass. 5 lbs. $\$ 3.75 ; 25$ lbs. $\$ 16.25$.
 Parcel Post, \$4.00).


Made of fine-quality steel. Price, $\$ 1.85$ (by Parcel Post, \$2.00).

## Florists' Sundries

Bulb Fibre. Qt. 10c.; 1/2pk. 35c.; pk. 60c.; $1 / 2$ bus. $\$ 1.00$; bus. $\$ 1.50$.
Bull Dog Clips. For fastening packages, boxes, etc. Box (1000) 65 c .
Carnation Dye, Green. Pkg. 50c.
Celery Paper. RoIls 3 feet wide; 167 lineal feet. Roll \$2.75.
Celery Tape, Red. 1000 -yard spool $\$ 5.25$ (by Parcel Post, \$5.40).
Celery Tape, Green. 1000-yard spool $\$ 4.10$ (by Parcel Post, \$4.25).
Charcoal, Lump. Pk. 50c.; bus. \$1.25; bbl. sack $\$ 2.00$.
Charcoal, Ground. Coarse or fine. 5 lbs. 35c.; $25 \mathrm{lbs} . \$ 1.25$; $100 \mathrm{lbs} . \$ 3.50$.
Leaf-Mould (Jersey Peat). Pk. 45c.; bus, $\$ 1.50$; ap, roximately 2 bus. bbl. $\$ 2.75$.
Mouse Seed. For destroying mice. Pkg. 25c.
Pearl Chips. For bulb-bowls, aquariums, etc. White and assorted colors. Pkg. 8c.; 6 pkgs. 45c.; 12 pkgs. 85c.; 25 pkgs. $\$ 1.50 ; 100$ pkgs. $\$ 5.50$.
White. In bulk. 10 lbs. 70c.; 25 lbs. $\$ 1.25$; 100 lbs. $\$ 4.50$.
Assorted colors. 10 lbs .85 c .25 lbs . $\$ 1.75$; 100 lbs. $\$ 6.00$.
Peat, Orchid. Lb. 40 c . $5 \mathrm{lbs} . \$ 1.50 ; 10-1 \mathrm{~b}$. bag $\$ 2.75$.
Pebbles. Qt. 8c.; pk. 55c.; bus. \$2.00; sack $\$ 4.00$.
Pruning Compound or Tree Dressing. Qt. 45c.; gal. \$1.40.
Salt Hay. Lb. $21 / 2$ c., in bale lots; half ton $\$ 15.00$; ton $\$ 28.00$. Weight of bale 100 to 110 lbs .
Sand. For propagating. Pk. 35c.; bus. \$1.25; $21 / 2$-bus. bag $\$ 2.75$.
Shaderine. 5 lbs. $\$ 1.50 ; 10 \mathrm{lbs} . \$ 2.75$.
Weed Killer, Michell's. Dilute 1 gallon to 40 gallons of water. Qt. 45c.; gal. \$1.35; 5 gals. $\$ 6.00 ; 30$ gals. $\$ 28.75 ; 55$ gals. $\$ 42.00$.

## Peat Moss, Torf Mull (Granulated)

A moisture-retaining humus and an aid for saving soil fertility. It furnishes the needed organic matter which all soils require. An excellent material for spreading on the lawn, mulching in the flower and vegetable garden, and especially desirable for the rose-bed; used extensively by leading florists for mixing with potting soil, for propagating benches, also for packing bulbs and plants. 5 -bus. beg $\$ 2.00$; bale $\$ 4.50$.

MICHELL'S FLOWER BASKETS, Gold Star Brand


75/1


101/2
No. 101/1. 19 in. high; 71/2 in. Iong; 6 in. wide, 8 in . deep. Each 75 c . ; doz. $\$ 8.25$.
No. $101 / 2.24 \mathrm{in}$. high; $81 / 2 \mathrm{in}$. long; $61 / 2 \mathrm{in}$. wide; $101 / 2 \mathrm{in}$. deep. Each 95 c .; doz. $\$ 10.25$.
No. 101 /3. 28 in. high; 11 in. Iong; 8 in. wide; 12 in. deep. Each \$1.65; doz. \$19.20.


101

## Plant Baskets

Each Doz
No. 908/4. 17 in. high; $51 / 2 \mathrm{in}$. deep; 7 in . diam..
No. 908/5. 20 in . high; $61 / 2 \mathrm{in}$. deep; $81 / 2 \mathrm{in}$. diam.
No. $908 / 6.211 / 2 \mathrm{in}$. high; 7 in . deep; $81 / 2 \mathrm{in}$. diam.

| 951025 |
| :--- |
| 10 |

$10 \quad 1150$
No. $908 / 7.25$ in. high; 8 in. deep; 10 in. diam. . . . . . . . . . . . 1251350

## Bulb Pan Baskets

No. 996/6. 20 in. high; $51 / 2$ in. deep; $91 / 2$ in. diam........ $\$ 095 \$ 1025$
No. $996 / 7.211 / 2 \mathrm{in}$. high; 6 in . deep; 10 in . diam. .
$120 \quad 1285$
No. $996 / 8.231 / 2 \mathrm{in}$. high; 6 in. deep; $111 / 2 \mathrm{in}$. diam.
$140 \quad 1420$

## Special DeLuxe Assortment No. 1 <br> 25 Baskets for $\$ 18.00$

This assortment is composed of Cut-Flower Baskets in a variety of colcrs, some plain and some two-tone. Each Basket complete with liner.

## Special Ludlow Assortment No. 2 <br> 21 Baskets for $\$ 12.00$

This assortment of Baskets will please the florist who wishes a small collection that will meet every need. Every one has a liner that won't leak. A beautiful range of colors.

## Special Gold Star Assortment No. 3

## 15 Baskets for $\$ 10.00$

An assortment that contains an excellent combination of Plant and Cut-Flower Baskets. Each is complete with liner, and the assortment of colors is the most that could be desired.

Our baskets are fitted with watertight tin liners

Hanson Handy Handle With Saw-Tooth Grip

Fits any size flange. Colors: Lavender, Pink, Blue, Yellow, Purple, Nile-Green, Red and Green. Price, double wound in reed, doz. $\$ 3.50 ; 100, \$ 25.00$.

## ALL PRICES ON THIS PAGE <br> SUBJECT TO CHANGE

[^2]
# MICHELL'S NATURAL PREPARED WREATHS 



No. 16
No. 16. A beautiful, large, red thistle wreath, tinted all over with bronze and with poppy heads and assorted grasses. Size overall, 26 in. Each $\$ 3.50$.

There are three other attractive styles in this same price group.

## Oak Wreath

No. 900 XB. Body made of bright brown oak, with cluster of white frosted pine-cones, red thistles, and silver diana grass, with holly berries. This makes a very attractive wreath 20 -in. Each $\$ 2.50$.

## Oak and Pine-Cone Wreath

No. 150. Body made of oak, with cluster of pine-cones sprayed gold-bronze, shaded with red lacquer; cluster contains holly berries, metallic cycas and white frosted diana grass. Each \$1.75.

## Magnolia Wreath

Body made of brown magnolia leaves trimmed with pine-cones, thistles, poinsettias, and holly berries.

Each
No. 940. 14-in.
$\$ 125$
No. 925A. 18-in.
150
No. 928A. 20-in.
200

## Forest Wreath

No. 272. A dandy forest number which no illustration can adequately picture; overall trim, delicate green and white shadings and red floral tints. Size overall, 22 in. Each $\$ 6.00$.

## Cardboard Wreath Forms




## Frieze Roping

This is extensively used for decorating at the Christmas season. Economical yet effective. Fresh, fluffy stock, $3 / 4$ inch wide in a wide range of bright colors-Christmas Red, Green, and White. 60 yards per ball. Ball 40c.; doz. \$4.50; 100 for $\$ 30.00$.

## Clock Dials American-Made

Colors: White and Purple, Purple and White, Pink and White, White and Pink, White and Gold, Purple and Silver, Purple and Gold.

| Each | Doz. |
| ---: | ---: |
| $\$ 030$ | $\$ 3$ |

7 in .

## Red Frieze Cross

With attractive spray decoration.
No. 7. 18 in . high.
No. 7/1. 22 in . high.
No. 7/2. 30 in . high
Each
$\$ 100$
125 200


Red Frieze Cross
ALL PRICES SUBJECT TO CHANGE

Plain Round Magnolia Wreaths
Made on Mossed Wire Each Doz.
12-in. frame
$\$ 085 \quad \$ 925$
12-in. frame
14 -in. frame
8085
120
1300
16-in. frame 18-in. frame. 20-in. frame 24-in. frame

## Pine Cones

Assorted Colors. 100 in carton. Small. $100 \$ 2.00$; Medium, $100 \$ 3.00$; Large, $100 \$ 5.00$.

## Birch Bark

For use in covering window-boxes and for baskets and decorations. Comes in sheets from $11 / 2$ to 2 feet in width, about 10 feet long. Weighs from 2 to 4 pounds to the sheet.
1 Ib.
$\$ 030$
5 lbs.
10 Ibs
100 lbs
2000

## Cork Bark

Very effective in training climbing pot-plants. Used by leading florists. Sheets $11 / 2$ to 2 feet wide, about 4 feet in length. Lb. 60c.

## Red Cedar Bark

For covering window-boxes, baskets, or any other article. Sq. ft. 12c.; 25 sq. ft. \$2.25; bundle, about 50 sq. ft., $\$ 4.00$.

## Rustic Cedar Slabs

For covering miniature log-cabins, windowand porch-boxes, urns, etc. 4 ft . long, about 3 in . wide, $1 / 2 \mathrm{in}$. thick, half round, one side plain. Running foot 4c.

## Oak-Leaf Sprays

Natural preserved, long sprays for decorative work. Colors: Red, Brown, and Green. 25 lbs. $\$ 6.50$; 50 lbs . $\$ 12.00$; 100 lbs . $\$ 21.00$.

## Carton Oak

Small oak twigs, especially adapted for wreaths, wreathing, or basketwork. Colors: Red, Brown, and Green. 5 lbs. $\$ 1.75 ; 25 \mathrm{lbs}$. $\$ 6.50$.

## Red Transparent Oak

Lb. $\$ 1.75 ; 5$ lbs., $\$ 1.50$ per lb.; 10 lbs., $\$ 1.45$ per lb.; 25 lbs ., $\$ 1.40$ per lb.

## MICHELL'S FLORISTS' SUPPLIES, continued

## Michell's Wire Designs

OUR WIRE DESIGNS ARE CAREFULLY AND SUBSTANTIALLY MADE
When ordering please state Number and Size
We make a slight charge at actual cost for packing Wire Designs, on account of the small profit at which they are sold


| Pillows (Open Top). No. 170 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Each |  |  | Each |
| 10-in. | \$0 29 | 20-in.. |  | \$0 50 |
| 12-in. |  | 22-in. |  | 55 |
| 14-in. | 34 | 24-in. |  | 61 |
| 16-in. | 38 | 27-in. |  | 80 |
| 18-in. | 43 | 30-in |  | 110 |
| American Casket Plaques |  |  |  |  |
|  |  |  |  |  |
| 18-in. | 50 | 42-in. |  | 110 |
| 24-in. | 55 | 48-in. |  | 122 |
| 30-in. | 60 | 60-in. |  | 180 |
| Wreaths. No. 220 |  |  |  |  |
|  |  | Each | Doz. | 100 |
| 10-in. |  | \$0 11 | \$0 95 | \$5 50 |
| 12-in. |  | 14 | 120 | 660 |
| 14-in. |  | 17 | 140 | 850 |
| 16-in. |  | 23 | 210 | 990 |
| 18-in. . |  | 33 | 250 |  |
| 20-in. |  | 40 | 280 | 1485 |
| 22-in. |  | 45 | 350 | 1900 |
| 24-in. | . . . | 50 | 385 | 2200 |

We can also supply all other styles in Wire Designs

## Script Letters

Either in Gold or Purple
10, 30c.; 100, \$2.50; 1000, \$20.00
Ten words to each package and not less can be supplied.

At Rest
Son
Our
My
Asleep
Baby
Sleeping
Cousin
Playmate

| Peace | Good Luck |
| :--- | :--- |
| Niece | Grandmother |
| Daughter | Grandfather |
| Darling | Sympathy |
| Dear | Too Soon |
| Success | Welcome |
| Beloved | Friend |
| Family | Home |
| Classmate | Wife |

## Letters for Design Work

No. 1. 11/4-in. Gold only. Per 100 50 c .; per $1000, \$ 2.00$. Also numerals at the same price.
No. 4. $3 / 4$-in. Gold only. Per 100 , 40 c .; per $1000, \$ 1.75$. Also nu merals at the same price.
 $\$ 16.50$.

## Gypsophila or Baby's Breath

For basket- or wreath-work. Natural. Bunch 85 c .; doz. bunches $\$ 9.50$.

## Lycopodium

Prepared and Dyed Green


Prepared Asparagus
Natural sprays, chemically treated and preserved.

100
Small, 15 in . Iong
$\$ 500$
Medium, 24 in. long 700
900

## Asparagus Tips

Selected quality. Valuable between artificial flowers, bouquets, and wreaths. Lb. $\$ 2.25$.


Natural.
Colored. Colors: Blue, Green, Pink, Purple, and Lavender

Prices on application
Ruscus
Green. (Painted) Two-toned
Green. (Dyed) Gold or Silver
Christmas Red
Prices on application


Lotus Pods
Two-toned. Very effective for baskets, vases, or wreaths (without stems, 100 to a carton).
$100, \$ 6.50$.

# MICHELL'S FLORIST SUPPLIES, continued 

## Cape Flowers, Natural

About 1000 to a pound
Used considerably in funeral work, taking the place of carnations.
Natural. Lb. \$1.75.
Dyed. Colors: Red, Green, Pink, Blue, Purple, Orange, and Mixed. Lb. \$2.50.

## Thistles

Plain, tinted, and polychrome. In cartons containing an assortment of these colors. Carton (100) $\$ 2.25$; 1000, $\$ 18.00$.


## Cycas Leaves, Green

|  | 10 | 100 |
| :---: | :---: | :---: |
| 4 to 8-in. | O 35 | \$3 00 |
| 8 to 12-in. | 40 | 325 |
| 12 to 16 -in. | 45 |  |
| 16 to $20-\mathrm{in}$. | 50 | 400 |
| 20 to 24-in. | 60 | 525 |
| 24 to 28-in. | 70 | 600 |
| 28 to 32-in. | 80 | 700 |
| 32 to 36-in. | 100 | 875 |
| 36 to $40-\mathrm{in}$. | 125 | 1100 |
| 40 to $44-\mathrm{in}$. | 140 | 1275 |
| 44 to 48 -in. | 175 | 1400 |

## Cycas Leaves, Metallic

8 to 12 -in.
$80 \quad 750$
12 to 16 -in............. $90 \quad 850$
Prices for larger quantities of Cycas
Leaves on application
Cycas Leaves, Red $10 \quad 100$
4 to 8 in. $\begin{array}{rrr}\$ 0 & 60 & \$ 5 \\ & 70 \\ & 6 & 50 \\ & 90 & 8\end{array} 50$ 8 to 12 in .
12 to 16 in .

## Artificial Leaves

High-grade leaves for stemming or design work.


Made of metal, round shape, with square wire-mesh dome. Finished in green-bronze, with rubber vacuum cup in bottom, which prevents tilting over when long-stemmed flowers are used. A great seller for the florist.

| Each | Doz. |
| ---: | ---: |
| $\$ 0$ | 30 |
| 40 | $\$ 0$ |
| 40 | 4 |
| 50 |  |
| 50 | 500 |
|  |  |

## Artificial Flowers

Suitable for wreaths and design work; best quality imported and domestic grades.
APPLE BLOSSOMS. No. 300. Gross, $\$ 1.75$.
CALLA LILIES. Celluloid-100 to a box. No 10, doz. 50c.; 100, \$3.50. No. 11, doz. 40c. $100, \$ 2.50$. No. 15 , doz. 50c.; $100, \$ 3.75$.
CARNATIONS. Celluloid-50 to a box. No 800. Colors: Pink, White, Yellow and Pink, White and Pink, Red. 100, \$4.00.
The finest indestructible, domestic Bouquet and Corsage Pin made. Colors: Violet, Pink, Red, Green, Pearl, and White.
No. 020. 2 -in. Round head No. 020. $21 / 2-\mathrm{in}$. Round head No. 020. 3 -in. Round head
No. 022. 2 -in. Oval head.
No. 022. $21 / 2$-in. Oval head.
No. 022.3-in. Oval head

## Natural Flower Dye

For tinting fresh cut flowers by absorption through the stem. Yellow, Pink, Red, Blue, Violet, Orange, St. Patrick's Green. Any species of flower which absorbs moisture readily may be used. Directions on each package. Price, 50c. per pkg.

## Michell's Flower Powder

For dyeing natural flowers by dusting. Colors: Blue, Green, Lavender, Pink, Orange, Red, Yellow, Violet. Price, $\$ 1.00$ per 8 -oz. jar.

## Magnolia Leaves

Dux Brand. Extra-selected grade. We can supply these in green, bronze, red, or purple of extra-fine quality.


50 -lb. cases.
Red leaves, per carton.

CORNFLOWERS (Bachelor's Buttons). No 289. Blue. Gross, $\$ 1.75$.

DAHLIAS. No. 7. Lavender, Pink, Purple, Red, White, Yellow. $100, \$ 3.25 ; 1000, \$ 30.00$

DAISIES. No. 631. White, Yellow, Coral Gross, \$1.50.

FORGET-ME-NOTS. No. 4066. Blue. Gross, $\$ 1.50$.

LILY-OF-THE-VALLEY. No. 338. White Gross, $\$ 1.25$.

ORCHIDS. No. 750. Celluloid. Medium size Colors: Pink, Lavender. 100 to a box. 100 $\$ 6.50$.
POPPY. No. 13802. Celluloid. Color: Red Doz. 30c.; gross, \$2.80.

ROSES. 50 to a box. No. 23. Celluloid. Colors: Pink and White, Yellow and Pink, White and Pink, Red. 100, \$4.25. No. 610. Wax. Pink, White, Red, Ward. $100, \$ 2.80$. No. 600. Wax Pink, White, Red, Ward. 100, \$3.25.

STRAWFLOWERS (Helichrysum). On wired stems. $100, \$ 1.25 ; 500, \$ 6.00 ; 1000, \$ 10.50$.

SWEET PEAS. No. 296. Celluloid. Colors: Lavender, White, Pink, White and Pink Yellow and Pink. Gross, $\$ 2.00$.

Jardiers, New Style
Colors: Green and Lavender
Will hold 4 -in. pot. Doz. $\$ 1.25 ; 100, \$ 8.50$. Will hold 6-in. pot. Doz, $\$ 1.75 ; 100, \$ 13.50$.

## Metolit Flower Vases

Furnished in many attractive designs, with body in assorted colors of old rose, baby blue, ivory, green, gold, etc.; inside and bottom finished in old-gold baked enamel.

| No. | Diam. | Depth | Doz. |
| :---: | :---: | :---: | :---: |
| 6 | 4 in. | $75 / 8 \mathrm{in}$. | $\$ 200$ |
| 10 | 6 in. | $93 / 4 \mathrm{in}$. | 260 |



Galvanized Flower Vase

## Paper Pot-Covers

Made of waterproof crepe paper. Easily adjusted. Colors: Green, Red, Pink, Blue, and Purple.
No. 1. 4-in, pot
100
No. 2. 5-in. pot . . . . . . . . . . . . . . . . . . . . . 525
No. 3. 6-in. pot . . . . . . . . . . . . . . . . . . . . . 600
No. 4. 7-in. pot. . . . . . . . . . . . . . . . . . . . . . 700
No. 5. 8-in. pot. . . . . . . . . . . . . . . . . . . . 825


## Chip Mats for Pot-Covers

Assorted colors, plain, or two-tone colors. Doz., $\$ 1.25 ; 100, \$ 7.50 ; 1000, \$ 65.00$.

## Grass Mats

Made of green raffia on heavy burlap. They closely resemble real grass. Used extensively for store and window trim and in other decorative work. Size, 3 ft . by 6 ft . Each $\$ 3.00$; doz. \$32.50.

## ALL PRICES SUBJECT TO MARKET CHANGES

## CHIFFONS, RIBBONS, AND POT-TIES

PLEASE NOTE-For the color line of all metallines, the following list of colors applies: White, Pink, Laurel, Premier, Yellow Hill, Talisman, Picardy, Nile, Spring Green, Times, Blue, Hortensia, Orchid, Fuchsia, Purple and Scarlet.


Shower Ribbon

## SHOWER RIBBON

Pattern 3133. No. 2
A Iustrous, attractive Shower Ribbon $1 / 2$ inch wide, delicate yet firm. Colors: White, Pink, Blue, Lavender, Nile, and Hill. Put up in 50yard pieces. Price, 75 c .; 12 -piece lots, 70 c. рег рiece.

## Ribbonzene

Pattern 1746. No. 1
For tying cards, etc.; $1 / 4$ inch wide. Colors: White, Pink, Lavender, Blue, Green, and Red. 500 yards to the spool. Price, spool $\$ 1.30$; 12 -spool lots, $\$ 1.25$ per spool.

Bo Kay Satin Ribbon<br>No. 3

This is a very fine-quality Satin Ribbon, $3 / 4$ inch wide, for bouquet work. It has a fine luster and ties a pretty bow which will hold its shape at all times. Put up in 50 -yard pieces. Price, $\$ 1.00$; 12 -piece lots, 95 c . per piece.

## Christmas Red Ribbon

Pattern 3212

A very fine grade of Satin Ribbon, in a beautiful Christmas Red shade; esperially adapted for all floral pieces, baskets and plants, where something exceptionally good is desired. Put up in 10 -yard bolts.

| No. | Width | Bolt | 12-bolt lots |
| ---: | ---: | ---: | ---: |
| 30. | 3 -in. | $\$ 1.00$ | 90 c. per bolt |
| 80. | 4 -in. | 1.25 | $\$ 1.15$ per bolt |
| 120. | 5 -in. | 1.50 | $\$ 1.40$ per bolt |

## Parafilm

An all-purpose film for floral decorations and unequaled for stem-wrapping, wedding work, boutonnières, table decorations, etc. Up-to-date florists are using Parafilm in preference to tinfoil. Rolls are $3 / 4$ inch wide, 90 feet long, and furnished in the following colors, each carefully selected to harmonize with flower tones: White, Green, Moss-Green, Orchid, Silver, Gold, and Metallic Green. Price, roll, 35 c .; box of $6, \$ 1.95$.


Florist Ribbon

## METALLINE

## Pattern 2104

A new satin-striped Metalline in an unusually interesting design. Obtainable in all the popular colors, and you can see from the attractive prices below that it is an exceptional value which we recommend most highly. Put up in 40 -yard pieces. Made in all colors. Price, $\$ 1.45 ; 12$-piece lots, $\$ 1.40$ per piece.

## Metalline

Pattern Bo-Peep. Width 150
Very latest in Metalline Ribbons, 5 inches wide, with 2 -inch rayon stripe running through the center. Can be used in the most exclusive kind of work and is manufactured in the following colors: White, Pink, Blue, Yellow, Nile, Lavender, Violet, Purple, Ward, Gray, Moss, and Premier. It is a real bargain at the following price. Put up in 40 -yard pieces. Price, $\$ 1.90$; 12-piece lots, $\$ 1.85$ per piece.

## Rayon Taffeta <br> Pattern 2098

A superior quality fit for the best work. Colors: White, Pink, Lavender, Violet, Purple, Pernet, Nile, Blue, Scarlet, Gray, Premier, Ward, Bermuda, Laurel, Autumn, Hyacinth, Hortensia, and Goldye. Put up in 40 -yard pieces. Price, $\$ 2.50$; 12 -piece lots, $\$ 2.40$ per piece.

## Antelope Voilette

A closely woven Rayon Ribbon, with a heavy half-inch edge of a contrasting weave. Made in all colors. Put up in 40 -yard pieces. Price, $\$ 2.50$; 12 -piece lots, $\$ 2.40$ per piece.

## PRICES ON THIS PAGE SUBJECT TO <br> CHANGE



## CORSAGE RIBBONS

## Grenadine

No. 3
An unusual type of Corsage Ribbon $5 / 8$ inch wide-of a strong silk mesh. Must be seen to be appreciated. Suggest you include one roll of Gardenia or Fuchsia with your next order to try out this new ribbon. Put up in 50 -yard pieces. Price, $\$ 1.00$; 12 -piece lots, 95 c. per piece.

## Corsage Ribbon <br> Pattern 3154

Silver or Gold only. Width $3 / 4$ inch. Price, 50 -yd. bolt, $\$ 1.25$; 12 -bolt lots, $\$ 1.20$ per bolt.

## Oriole Organdy

No. 3
An Organdy Ribbon $5 / 8$ inch wide, for corsage work. Excellent complement to the corsage to be worn with a chiffon or gauze evening dress. In all colors. Put up in 50 -yard pieces. Price, \$1.15; 12 -piece lots, $\$ 1.10$ per piece.

## POT-TIES

## Plantine

We present here a very high-quality Silk Ribbon which we think will prove very popular for basket plants or even for corsage work. This ribbon is $5 / 8$ inch wide and can be supplied in the following colors: White, Pink, Premier, Corn, Ophelia, Token, Blue, Talisman, Violet, Lavender, Nile, Scarlet, Times, Aqua,' Fuchsia and Moss. Price, 40 -yd. piece 75 c .; 12 -piece lots, 70 c . per piece.

## Trim Tye <br> No. 5

Our new design in Pot-tying Ribbon, $7 / 8$ inch wide. At the attractive price at which it is offered, it presents to all florists an unusual value and we can recommend it very highly. In all popular colors. Put up in 50 -yard pieces. Price, 75c.; 12-piece lots, 70 c . per piece.

## Michell's Plant Tubs will stand a lot of hard usage

# MICHELL'S FLOWER POTS, TUBS, ETC. <br> Earthen <br> Dish Liner Fern Pan 





## Keystone Fern Tubs

| Inside <br> Top Diam. | Inside <br> Bottom Diam. | Inside Depth | Each |
| :---: | :---: | :---: | :---: |
| No. 1.... 8 in. | 6 in. | $51 / 2 \mathrm{in}$. | \$0 30 |
| No. 2.... . 9 in. | 7 in. | $51 / 2 \mathrm{in}$. | 40 |
| No. $3 . . .$. . 9 in. | 7 in . | $61 / 2 \mathrm{in}$. | 45 |
| No. $4 . . . .10 \mathrm{in}$. | 8 in. | $51 / 2 \mathrm{in}$. | 45 |
| No. 5.... 10 in. | 8 in . | $61 / 2$ in. | 50 |

## Green Tubs

A low-priced Tub, durable and handsomely finished with two coats of dark green oil-paint. No.
No
No
No.
N
N
N
No.

|  | White Tubs |  |  |
| :---: | :---: | :---: | :---: |
|  | Top Diam. | Depth | Doz. |
| No. 5-J | . $63 / 4$ in. | 6 in. | \$2 75 |
| No. A. | . 8 in. | $51 / 2 \mathrm{in}$. | 375 |
| No. B | 9 in. | $61 / 2 \mathrm{in}$. | 450 |
| No. D | 10 in. | $51 / 2 \mathrm{in}$. | 450 |
| No. E | 10 in. | $61 / 2 \mathrm{in}$. | 480 |
| No. K | 11 in . | $61 / 2$ in. | 520 |
| No. J | 12 in. | $51 / 2 \mathrm{in}$. | 520 |
| No. F | 13 in. | 6 in . | 600 |

## Earthen Bulb Pans

|  | Earthen Bulo Pans |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Diam. |  | Doz. | 100 | 1000 |
| 6 in. |  | \$0 95 | \$6 50 | \$51 00 |
| 7 in . |  | 165 | 1080 | 8505 |
| 8 in . |  | 235 | 1560 | 12285 |
| 9 in. |  | 350 | 1890 |  |
| 10 in. |  | 500 | 2555 |  |
| 12 in. |  | 950 | 5200 |  |
| 14 in. |  | 1600 | 8505 |  |
|  | Earthen Fern Pans |  |  |  |
| Width | Height | Each | Doz. | 100 |
| 4 in. | $17 / 8 \mathrm{in}$. | . \$0 05 | \$0 50 | \$3 80 |
| $43 / 4 \mathrm{in}$. | $21 / 8$ in. | 08 | 75 | 505 |
| $51 / 2 \mathrm{in}$. | $21 / 4 \mathrm{in}$. | 10 | 85 | 630 |
| 61/4 in. | $21 / 2 \mathrm{in}$. | 12 |  | 760 |
| $7 \mathrm{in}$. | $25 / 8 \mathrm{in}$. | 15 | 120 | 885 |
| 8 in . | $31 / 8 \mathrm{in}$. | 18 | 165 | 1260 |
| 9 in . | $31 / 4 \mathrm{in}$. | 20 | 200 | 1515 |

\footnotetext{
Width
7 in

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## Fern-Dish Liners

| Azalea Pots |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Diam. | Depth | Doz. | 100 | 1000 |
| 5 in . | 41/2 in. | \$0 65 | \$4 35 | \$34 00 |
| 6 in. | 5 in . | 95 | 650 | 5100 |
| 7 in. | 6 in. | 165 | 1080 | 8505 |
| 8 in . | 7 in . | 235 | 1560 | 12285 |
| Red Paper Pots |  |  |  |  |
| Diam. Weight per 1000 |  |  |  |  |
|  | 10 |  |  | \$4 00 |
|  |  |  |  |  |
|  |  |  |  |  |
| $3 \mathrm{in} . \quad 24 \mathrm{lbs...................}. \mathrm{}$. |  |  |  |  |
| $31 / 2$ in. 34 lbs.................... . . 625 |  |  |  |  |
| *4 in. 46 lbs................ . . . . 775 |  |  |  |  |
| *5 in. 74 lbs............... . . . . . . 1025 |  |  |  |  |
|  |  |  |  |  |
| other sizes, 1000. <br> Special prices will be quoted f.o.b. factory. |  |  |  |  |
|  |  |  |  |  |

## Neponset Paper Pots

Green. For Growing
This new development makes it possible to take advantage of the economy, ease and convenience of Paper Pots for the full growing period of young plants without any damaging or retarding of root-growth. The special waterproofing treatment of these Pots seems to encourage healthy growth; not necessary to use clay pots.
Size
2 in
$21 / 4$
$21 / 2$
3 in
$31 / 2$
$* 4$ in
*5 in
*6 in

Weight per $1000 \quad 1000$
14 lbs. $\quad \$ 725$

| 16 lbs. | 750 |
| :--- | ---: |
| 22 lbs. | 775 |

$\begin{array}{ll}22 \text { lbs. } & 775 \\ 28 \text { lbs. } & 925\end{array}$
$\begin{array}{rr}28 \text { lbs. } & 925 \\ 39 \text { Ibs. } & 1175\end{array}$
52 Ibs. 1350
88 Ibs. 1925
124 lbs. $\quad 2500$
Sizes marked $*$ are packed 500 to a crate; other sizes, 1000
Special prices will be quoted f.o.b. factory.

## Earthenware Saucers

| Diam. | Doz. | 100 | Diam. | Doz. | 100 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 4 in. | \$0 25 | \$1 45 | 9 in . | \$1 30 | \$7 90 |
| 5 in | 35 | 190 | 10 in . | 175 | 1260 |
| 6 in. | 50 | 285 | 12 in . | 275 | 1890 |
| $7 \mathrm{in}$. | 70 | 430 | 14 in. | 400 | 2520 |
| 8 in. ... 100 |  |  |  |  |  |
| Rubber Saucers |  |  |  |  |  |
| $51 / 8-$ | takes | up to |  | $\begin{aligned} & \text { Each } \\ & . \$ 020 \end{aligned}$ | $\begin{aligned} & \text { Doz. } \\ & \$ 200 \end{aligned}$ |
| 75/8-i | , takes | up to a | in. po | 30 |  |
| 03/8-i | , takes | up to a | -in. po | 60 | 600 |
| 121/4-i | for fe | and | m tu | 90 |  |

New Easy-Opening Veneer Plant Bands


This Band is the most practical and inexpensive item for use with spring plant work. Just the thing for the nursery-
men who grow azaleas, as men who grow azaleas, as nuals and perennials. They are easily opened and filled, and one of the most valuable uses for them is for the growPrices ${ }^{\text {® }}$ are as follows: 1000

## $13 / 4 \times 13 / 4 \times 21 / 2$ in <br> in. . <br> $13 / 4 \times 13 / 4 \times 21 / 2 \mathrm{in}$. $2 \times 2 \times 21 / 2 \mathrm{in}$.

$\begin{array}{r}300 \\ 350 \\ \hline\end{array}$
$4 \times 4 \times 4$ in. ............ Phe fore f.o.b. Tulsa, Oklahoma. Shipments for the West and South will be shipped from Tulsa. Northern and eastern shipments will be shipped from Philadelphia.

A discount of 5 per cent on 25,000 of any of the above sizes or combination of sizes in one shipment will be allowed.

## Michell's Insect Destroyers, Etc.

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE

ANTROL. Complete control system of combating ants. Sets containing 4 containers and one $4-o z$. bottle of syrup, 60 c . ; Antrol, extra containers, 10 c . each. Antrol Syrup 4-oz. bottle, 20c.; pt. 50c. Antrol ready filled sets, consisting of 4 containers, 40 c .
Antrol Ant and Roach Powder. An improved, fast-killing powder for the extermination of ants and roaches. Pkg. of $13 / 40 z \mathrm{~s}$. in shaker twist-top can, 10 c .; $41 / 2 \mathrm{ozs} .25 \mathrm{c}$.
Antrol Traps. Kills both grease- and sweet-eating ants. 10c. each.
Aphine. For destroying aphis, green fly, thrips, red spider and other reenhouse and outdoor insects. It dilutes readily in water, about 1 part to 40 of the latter. Qt. $\$ 1.00$; gal. $\$ 3.00$.
Aphis Punk. Used for fumigating. (For use in greenhouses only.) For controlling green and black fly and many other forms of insects Pkg. of 12 sheets, 85 c.; case of 12 pkgs. $\$ 8.50$.
Arsenate of Calcium. Used for spraying potatoes, cotton, tobacco etc., against chewing and leaf-eating insects. One pound makes 40 to 50 gallons. Lb. 25c.; 4-1b. bag 70c.; 24 lbs. $\$ 3.75$.
Arsenate of Lead, Powdered. One to $11 / 2$ pounds dilutes to 50 gallons of water, or may be used dry, like Paris Green. Lb. 35c.; 4 lbs. 90c. 24 lbs. \$4.50; 96 lbs. $\$ 16.25$.

BLACK ARROW INSECT DUST. An economic Pyrethrum dust having repellent properties against many types of insects, as leaf hoppers on dahlias and asters. May be used as a spray, 1 pound to 3 gallons of water. 5 lbs. $\$ 2.10 ; 10 \mathrm{lbs}$. $\$ 4.00 ; 25 \mathrm{lbs} . \$ 9.50 ; 50 \mathrm{lbs}$ $\$ 18.00 ; 100 \mathrm{lbs} . \$ 33.00$.
Black-Leaf 40. FuII directions on each package. 1-oz. bottle 36c.; 5 ozs. $\$ 1.05$; lb. $\$ 2.50 ; 2$ lbs. $\$ 3.70 ; 5$ lbs. $\$ 6.90 ; 10 \mathrm{lbs} . \$ 11.65 ; 50-\mathrm{lb}$. drum $\$ 47.00$.
Bordeaux Mixture, Powder. A 12 per cent copper mixture for spraying purposes. Lb. $30 \mathrm{c} . ; 4 \mathrm{lbs} .90 \mathrm{c} . ; 48 \mathrm{lbs} . \$ 8.50 ; 96 \mathrm{lbs} . \$ 16.25$.
Carbolineum. A germicide and disinfectant for purifying poultry houses, stables, etc.; also an excellent wood preserver when used as a paint. Gal. $\$ 1.90 ; 5$ gals. $\$ 7.25$.
Ceresan (DuBay). 2 per cent. For treating the seed of small grains, such as barley, oats, other cereals, narcissus and cotton. 'Two to 3 ounces are required for one bushel of seed. Lb. $75 \mathrm{c} . ; 5 \mathrm{lbs} . \$ 3.30$ $25 \mathrm{lbs} . \$ 14.50 ; 100 \mathrm{lbs} . \$ 52.00$.
Ceresan, New Improved (DuBay). For wheat. 4 ozs. 30c.; 1b. 80c. 4 lbs. $\$ 2.70 ; 25$ lbs. $\$ 14.50 ; 100$ lbs. $\$ 52.00$.

COPPERLOID (Red Copper Oxide). Dilute at the rate of 1 to 400 spraying once a week or as often as necessary for control of mildew and black-spot on roses. Mildew and leaf-spot on annual and perennial flowering plants. Lb. \$2.25
Copper Solution. Excellent spray for carnation and snapdragon rust and disease of the grape, pear, apple and other fruits; also for leafblight and mildew. It is diluted in water. Pt. 80c.; qt. \$1.40; gal $\$ 4.50$; 5 gals. $\$ 19.00$
Cuprocide. An excellent material for the treatment of seeds before sowing, to prevent the fungous disease known as damping-off. Lb.90c. 5 lbs. $\$ 4.00 ; 25$ lbs. $\$ 12.75$.

CUPROCIDE, Yellow. Yellow copper-oxide spray. Has proved very effective in combating potato, tomato and celery blights. Yellow Cuprocide is a neutral spray which does not require lime, thus eliminat ing lime injury to plants. $3-\mathrm{lb}$. bag $\$ 1.75$.
Cyanegg. For generating hydrocyanic acid gas. Claimed to be the best remedy for killing the white fly. Do not use on sweet peas, as it destroys them. Lb. 50c.; 5 lbs. $\$ 2.25$.
CYANOGAS (Calcium Cyanide). G. Fumigant. A valuable inecticide for greenhouse fumigation; eliminates aphis, thrips, white fly or soft scale. $5 \mathrm{lbs} . \$ 3.00 ; 25 \mathrm{lbs} . \$ 10.00 ; 100 \mathrm{lbs} . \$ 25.00$.

CYANOGAS (Calcium Cyanide)
A Dust. For killing rats, moles, woodchucks and other rodents. $1 / 2 \mathrm{lb} .45 \mathrm{c} . ; \mathrm{lb} .75 \mathrm{c} . ; 5 \mathrm{lbs} . \$ 3.00$; 25 lbs. $\$ 10.00 ; 100$ lbs. $\$ 25.00$.
Dutox. A non-arsenical control for beetles and leaf-eating insects. Lb 35c.; 6 lbs. $\$ 1.60$.
Filmfast. A superior Spreader which should be added to all spray mixtures except oil sprays. Spreads the spray material evenly over the surface. Filmfast should be added at the rate of 3 pounds to each 100 gallons of spray solution. It contains no lime, so it can be used with Arsenate of Lead alone without danger of injury. 2 lbs .45 c .; 25 lbs. $\$ 5.50 ; 100$ lbs. $\$ 17.00$.
Fish-Oll Soap. An excellent summer spray, when something stronger cannot be used, where the San José Scale exists. It is nice for washing lemon trees, oleanders, and almost anything that would be infested with soft-shelled or, in fact, most any kind of insect. Lb. 30c.; 5 lbs . $\$ 1.25 ; 10 \mathrm{lbs} . \$ 2.25 ; 25 \mathrm{lbs} . \$ 4.00 ; 50 \mathrm{lbs} . \$ 6.25 ; 100 \mathrm{lbs} . \$ 10.75$.

Fish-Oil Soap, Good's Caustic. This comes in a soft soap form and is easily dissolved. One pound to 10 gallons water. Lb. 30c.; 5 lbs . $\$ 1.25 ; 10$ lbs. $\$ 2.25 ; 25$ lbs. $\$ 4.00 ; 50$ lbs. $\$ 6.25 ; 100 \mathrm{lbs} . \$ 10.75$.
Fish-Oil Soap (Rosin). Especially recommended for the destruction of boxwood maggot, bagworm, and caterpillars. 5 lbs . $\$ 1.40$; 10 lbs . $\$ 2.75 ; 25$ lbs. $\$ 4.75 ; 50$ lbs. $\$ 8.25 ; 100$ lbs. $\$ 13.50$.
Formacide. A stabilized formaldehyde dust, triple-strength seed- and soil-disinfectant, used as a control of damping-off. $1 / 2 \mathrm{lb} .45 \mathrm{c}$.; lb. 80 c .; 5 lbs. $\$ 2.25 ; 25$ lbs. $\$ 9.00 ; 50 \mathrm{lbs} . \$ 15.75 ; 100 \mathrm{lbs} . \$ 27.00$.

FumeTobac. For burning. A high-nicotine-content tobacco dust for greenhouse fumigation. $25 \mathrm{lbs} . \$ 4.50 ; 50 \mathrm{lbs} . \$ 8.00 ; 100 \mathrm{lbs} . \$ 15.00$, f.o.b. Philadelphia. 25 lbs. $\$ 4.25 ; 50 \mathrm{lbs} . \$ 7.50 ; 100 \mathrm{lbs}$. $\$ 14.00$, f.o.b factory.
FUNGTROGEN. A highly concentrated form of fungicide that will conquer mildew and control black-spot on roses. Dilute 1 part with 60 parts water. $1 / 2$ pt. $70 \mathrm{c} . ;$ pt. $\$ 1.15$; qt. $\$ 1.80 ; 1 / 2 \mathrm{gal} . \$ 3.25$; gal. $\$ 5.50$.
Grape and Rose Dust. A powder preparation used for mildew, aphis, black fly, and other insects, also for fungous diseases, principally in greenhouses. $5 \mathrm{lbs} . \$ 1.25 ; 25 \mathrm{lbs} . \$ 6.25 ; 100 \mathrm{lbs}$. $\$ 22.00$.

Hellebore. An ideal material for destroying rose-bugs, currant worms and other soft-shelled insects. $1 / 2 \mathrm{lb} .55 \mathrm{c} . ; \mathrm{lb} . \$ 1.00 ; 5 \mathrm{lbs} . \$ 4.50$.

HITOX. A complete spray containing its own spreader. Acts both as contact and stomach poison to either chewing or sucking insects. Does not discolor or infure the most delicate plants and is non-injurrous to humans when used as directed. Oz.35c., doz. $\$ 2.70 ; 6$ ozs. $\$ 1.00$ doz. $\$ 8.00$; pt. $\$ 2.25$, doz. $\$ 21.25$; qt. $\$ 3.00$; gal. $\$ 9.75$.
Kerosene Emulsion, Liquid. Miscible Oil. Makes an excellent spray for all mild forms of scale and soft lice such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Pt. 40c.; qt. 70c.; gal. $\$ 1.60 ; 5$ gals. $\$ 5.25$.
K. R. O. Kills rats only. Not a poison; not injurious to humans, live stock, dogs, cats or poultry. 2-oz. can 75c.
L-333. (Rotenone Plant Spray.) A highly concentrated Pyrethrumbearing insecticide designed for the control of leaf rollers, cabbage worms, cutworms, aphids and other soft-bodied insects. Contains its own non-soap spreader and wetting agent. 1 -gal. can $\$ 10.75$
Lemon-Oil Insecticide. Effectually destroys mealy bug, scale, thrips and red spider. $1 / 2 \mathrm{pt}$. $35 \mathrm{c} . ; \mathrm{pt}$. 55c.; qt. 90c.; $1 / 2 \mathrm{gal}$. $\$ 1.60$; gal. $\$ 2.75$ 5-gal. keg \$10.75

Lime-Sulphur, Liquid. For scale insects on trees and shrubs and such fungous diseases as can be treated in winter or early spring; also for leaf-curl of peaches. Qt. $45 \mathrm{c} . ;$ gal. $90 \mathrm{c} . ; 5$ gals. $\$ 3.75$; bbl. ( 50 gals.) $\$ 12.50$.
Lime-Sulphur, Dry Powder Form. Instantly soluble in either cold or hot water. Dilute 1 pound to 6 gallons water. Does not separate keeps indefinitely. Lb. 30c.; $5 \mathrm{lbs} . \$ 1.50 ; 25 \mathrm{lbs} . \$ 4.35 ; 100 \mathrm{lbs} . \$ 14.50$.
Loro. A new contact insecticide for use on flowers, vegetables, shrubs, trees, and other ornamentals. Effective on aphids (plant-lice, black and green fly), thrips, midge, red spider, mealy bug, Iace fly, white fly, and leaf-hopper. Pt. $\$ 2.00$; gal. $\$ 10.50 ; 5$ gals. $\$ 45.00$.

MAGIKIL JELLY. New and very effective Ant Control; also used to eliminate roaches, rats, and mice. 1-oz. tube 35c.; 8-oz. tube $\$ 1.65$.
Multicide. An efficient pyrethrum-base insecticide made exclusively for commercial growers. Ideal for use on flowers, fruits, and vegetables. Gal. $\$ 10.35 ; 5$ gals. $\$ 47.00 ; 10$ gals. $\$ 91.00$.
Naphtha Flakes. For cleaning the soil. Will control thrips, sow-bugs and other earth vermin. Lb. 25 c . $; 10 \mathrm{lbs} . \$ 2.00 ; 25 \mathrm{lbs} . \$ 4.75 ; 50 \mathrm{lbs}$. $\$ 9.00 ; 100 \mathrm{lbs} . \$ 17.00$.
Naptocide. A fumigant insecticide that kills thrips, millipedes, sowbugs, etc., in greenhouse; also gladiolus thrips outdoors. Price on application.
Nico-Fume, Liquid. A modern insecticide for vaporizing and spraying. Lb. $\$ 2.45$; 4 lbs. $\$ 6.55 ; 8$ lbs. $\$ 11.25 ; 40$ lbs. $\$ 45.75$.
Nico-Fume Fumigating Powder. A $121 / 2$ per cent nicotine fumigator for greenhouse use. Complete with directions in each can. $5-1 \mathrm{~b}$. size $\$ 3.65$; 10-1b. size $\$ 6.30$.
Nico-Fume Pressure Fumigator Holders. For hand-directed fumigation with the Pressure Fumigator. 85c. each.
Nico-Fume Powder Pressure Fumigator. Nico-Fume Powder is supplied in a special tin in which the powder is burned under pressure producing finely divided fumes that quickly fill the house. $1 / 2 \mathrm{lb}$. size, 50 c . each; case lots of $1 \mathrm{doz} ., \$ 4.45$. Lb. size, 80 c . each; case lots of 1 doz., $\$ 7.40$.

## Everything to keep plants healthy

## Michell's Insect Destroyers, Etc.

## DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE

Nikoteen. 40 per cent solution. $4 \mathrm{lbs} . \$ 7.25 ; 8 \mathrm{lbs} . \$ 13.00$.
Nikoteen. 30 per cent solution. One of the very best forms of tobacco or nicotine preparations. 1-oz, bottle 30 c ., doz. $\$ 3.00$. $1 / 2-1 \mathrm{~b}$, bottle $\$ 1.35 ; 1$-lb. bottle $\$ 2.50 ; 4-1 \mathrm{~b}$. bottle $\$ 6.25 ; 8-1 \mathrm{~b}$. bottle $\$ 11.75$
Nicotine Pyrox. An insecticide and fungicide that kills all common bugs and controls blight and other plant diseases. 17.6 ozs .60 c .; 5 lbs. \$2.00.
Nnor. Contact insecticide for control of red spider and most softbodied insects on standard greenhouse crops. Gal. \$10.00; 5 gals., $\$ 9.00$ per gal.
Para-Dichlorobenzene. For peach-tree borers. Full directions on each package. $1-1 \mathrm{~b}$, can 45 c . ; 5-1b. can $\$ 1.85 ; 25-\mathrm{lb}$. keg $\$ 8.00$.
Paris Green. A poisonous powder for potato-bugs, worms, caterpillars, slugs, etc. $1 / 4 \mathrm{lb} .20 \mathrm{c}$. $; 1 \mathrm{~b} .55 \mathrm{c} . ; 5 \mathrm{lbs} . \$ 2.50 ; 14 \mathrm{lbs} . \$ 6.10$.
Pomo-Green or Massey Dust. A leaf-green dust for protecting roses and other flowering plants against insects and fungous diseases. Lb 50c.; 5 lbs. $\$ 1.70$.
Pomo-Green with Nicotine. A leaf-green all-in-one dust or spray for leaf-eating insects and many plant diseases. Lb. 75 c . ; 5 lbs. $\$ 3.00$.
Pyrethrum Powder. Valuable as a poison for plant-lice, water-bugs, roaches, etc., also the strawberry moth. Lb. 55c.; 5 lbs. $\$ 2.50$; 10 lbs. \$4.75.
Pyrote. A safe insecticide for killing both chewing and sucking insects especially recommended to florists. 1-oz. bottle 35c.; 6 ozs. $\$ 1.00$; pt. $\$ 2.50$; gal. $\$ 13.50 ; 5$ gals. $\$ 55.00$.
Pyrox. A combined insecticide and fungicide for all leaf-eating insects, blights and fungous troubles. 50 lbs. $\$ 8.35$.
Rat Paste (Zelio). The most efficient poison for destroying rats, mice and other rodents. 2-oz. tube 65c.

RED ARROW INSECT SPRAY (Pyrethrum Soap). A safe, efficient insecticide for use against sucking and chewing insects. 1-oz. bottle 30c.; $1 / 4$ pt. $90 \mathrm{c} . ;$ pt. $\$ 2.75$; qt. $\$ 3.35$; gal. $\$ 11.35$; case 6 gals., $\$ 11.00$ per gal.; 5-gal. can $\$ 51.75$.
Red Arrow "Special." A new highly concentrated straight pyrethrum spray with a special spreading agent. Recommended for the control of leaf tyers and leaf rollers on chrysanthemums. Gal. \$12.00; 5 gals. $\$ 55.00$; case of 6 gals., $\$ 11.65$ per gal.
Rotecide, Extra. A safe insect spray for the control of mealy bugs, white flies, midges, aphis, etc. Not injurious to tender plants and flowers. Qt. \$3.00; gal. \$8.00.

ROTENONE DUST. A dust containing 75/100 per cent of Rotenone Controls asparagus, bean, and cucumber beetles, leaf hoppers, red spider, thrips, cabbage worms and other leaf-chewing and sucking insects. Lb. 30c.; 5 lbs. $\$ 1.10 ; 50 \mathrm{lbs}$. $\$ 9.00$.

ROTENONE 400. An effective spray powder against most chewing insects that infest vegetable and flower gardens. 6 ozs. $60 \mathrm{c} . ; 4 \mathrm{lbs} . \$ 2.75$
Rotogreen. For the control of certain greenhouse pests, especially thrips, aphis, red spider, and midge. Gal. $\$ 10.00$.

SCALECIDE. Used for the destruction of the San José Scale. Spray when the trees are dormant. Qt. 75c.; gal, $\$ 1.75 ; 5$ gals. $\$ 6.35 ; 10$ gals $\$ 10.90 ; 30$ gals. $\$ 23.75 ; 50$ gals. $\$ 36.00$.
Scale Oil. An efficient oil spray for controlling scale insects, aphis, thrips, red spider, etc. Qt. 70c.; gal. $\$ 1.60 ; 5$ gals. $\$ 5.50 ; 30$ gals. $\$ 21.25 ; 50$ gals. $\$ 29.25$.

SELOCIDE. A powerful new killing agent that gives positive control of red spiders in one application; also kills the eggs and does not harm tender plants. Dilute 1 part to 49 parts of water. Gal. $\$ 3.00 ; 5$ gals. $\$ 13.50$.
Semesan (DuBay). A mercuric disinfectant for the control of many seed, plant, and soil diseases. $1 / 30 \mathrm{z} .10 \mathrm{c} . ; 2 \mathrm{ozs} .40 \mathrm{c} . ; 1 \mathrm{~b} . \$ 2.50$.; 5 lbs . $\$ 11.40 ; 25$ lbs. $\$ 52.50 ; 100 \mathrm{lbs} . \$ 198.00$.
Semesan Special (DuBay). A grass disinfectant for brown-patch 5 lbs. $\$ 7.80 ; 25$ lbs. $\$ 36.00 ; 100$ lbs. $\$ 135.00$.

SLUG SHOT, Dust. For currant worms, rose-slugs, cabbage worms and almost any soft-shelled insects. $1-1 \mathrm{~b}$. carton 25 c .; 5 lbs. $\$ 1.00$ 25 lbs. $\$ 4.75$; 125-lb. barrel $\$ 17.50$; full barrel lots ( 250 lbs .) $\$ 33.00$.

SNAROL. For the control of cutworms, snails, slugs, etc. Non-iniurious to vegetation and very economical to use. Lb. $25 \mathrm{c} . ; 21 / 2 \mathrm{lbs} .50 \mathrm{c}$. $6 \mathrm{lbs} . \$ 1.00 ; 10 \mathrm{lbs} . \$ 1.50 ; 50 \mathrm{lbs} . \$ 5.50$.
Soap (C.P.O.). For control of many insects on evergreens, flowering plants, fruits and vegetables. $3-\mathrm{oz}$. bottle 20 c. ; pt. 80 c. ; qt. $\$ 1.35$ gal. $\$ 3.15 ; 5$ gals. $\$ 10.75$.

Spreader, Grasselli. This is a combined spreading, sticking, and wet ting agent, designed especially for use with agricultural sprays. It has certain well-defined agents in the fact it is compatible with natural hard water, weak acids, and alkalies. It is a liquid and mixes readily with cold water. The principal sticking agent in Grasselli Spreader is a plastic substance that does not harden, crack, or peel when dry Pt. 75c.; gal. $\$ 4.95$; 5 gals. $\$ 23.00$.
Sulphate of Copper. For destroying fungous diseases of all kinds also used in making Bordeaux mixture and for spraying potato vines in connection with Paris Green. Lb. 20c.; 5 lbs. $80 \mathrm{c} . ; 10 \mathrm{lbs} . \$ 1.50$ 25 lbs. $\$ 3.50 ; 100 \mathrm{lbs} . \$ 12.50$.
SULPHATE OF ALUMINUM. Used in conjunction with Hydrated Lime, this material makes a safe and excellent repellent for Japanese and Asiatic beetles. One pound of Aluminum Sulphate with $61 / 2$ pounds of Hydrated Lime will make 33 gallons of diluted spray 5 lbs. 45 c . ; 10 lbs. 75 c . ; $25 \mathrm{lbs} . \$ 1.35 ; 100 \mathrm{lbs} . \$ 3.50$.
Sulphur. Lb. 10c.; 5 lbs. $45 \mathrm{c} . ; 10 \mathrm{lbs} .85 \mathrm{c} . ; 25 \mathrm{lbs} . \$ 2.00$; $100 \mathrm{lbs} . \$ 7.00$ barrel lots (about 155 lbs .) lb. $61 / 2 \mathrm{c}$.
Sulphur Candles. For fumigating in sick rooms, also in conservatories and greenhouses. Each 15c.; doz. \$1.50.
SULPHUR DUST D. N. No. 10. For control of red spider, thrips, and rust disease on carnations. 10 lbs. $\$ 3.50 ; 50 \mathrm{lbs} . \$ 12.50$. D. N. No. 12. 10 lbs. $\$ 4.50 ; 50 \mathrm{lbs} . \$ 20.00$.
SULPHUR, WETTABLE. Dritomic. A new and greatly improved summer fungicide containing 95 per cent Sulphur of 325 -mesh fineness. It wets immediately upon being placed in water and will stay in suspension indefmitely. Ideal for wet spraying of fruit and ornamental trees to control scab rot, leaf-spot, mildew, rust, etc. 2 lbs .20 c .; 5 lbs .45 c .; 50 lbs . $\$ 3.60$.
SULROTE. Contains 0.80 per cent Rotenone. Combination Rotenone and Sulfur Dust for control of flower and vegetable garden insects and fungous diseases. For gladiolus thrips, rose chafers, Mexican bean beetles, flea beetles, cabbage worms; also mildew and black-spot on roses, and for carnation Alternaria. Lb. 40c.; 5 lbs. $\$ 1.25 ; 25 \mathrm{lbs}$. $\$ 5.00$.
SUNOCO SPRAY OIL. For the control of scale insects, red spider, aphis, thrips, etc.; cheap, effective and pleasant to handle. Gal. $\$ 1.35$; 5 gals. $\$ 5.25 ; 55$ gals. $\$ 23.50$.
Supersat. A two-unit concentrate mixed in equal parts. Kills red spider and their eggs without injury to plants. Qt. \$3.00; gal. \$11.00. Thalate Ant Traps. Each 25c.
TARTAR EMETIC. To control gladiolus thrip, use 4 lbs . Tartar Emetic
Thrip against aphis, red spider, mealy bugs and sucking insects generally Pt. 90c.; qt. \$1.50; gal. \$5.50.
Tobacco Dust, for dusting. 1-1b. canister, 20c.; 5 lbs. 35c.; 10 lbs. $60 \mathrm{c} . ; 25 \mathrm{lbs}$. $90 \mathrm{c} . ; 100 \mathrm{lbs}$. $\$ 3.00$; 500 lbs . $\$ 13.75$; $1 / 2$ ton $\$ 25.00$; ton \$47.00.
Tobacco Dust, for fumigating. $5 \mathrm{lbs} .40 \mathrm{c} . ; 25 \mathrm{lbs} . \$ 1.15 ; 50 \mathrm{lbs} . \$ 2.00$; 100 lbs. $\$ 3.75$; 500 lbs. $\$ 18.00$.
Tobacco Stems (Fresh). 5 lbs. 25c.; $10 \mathrm{lbs} .40 \mathrm{c} . ; 25 \mathrm{lbs} .75 \mathrm{c} . ;$ large bales at 2c. per 1 b . ; $1 / 2$ ton $\$ 13.50$; ton $\$ 25.00$.
TO-NA-CIDE. An effective soil-fumigant that kills thrips, millipedes, sow-bugs, etc. 25 lbs . $\$ 4.00 ; 50 \mathrm{lbs} . \$ 7.00 ; 100 \mathrm{lbs}$. $\$ 13.00$.
TREE TANGLEFOOT. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. 6 ozs. 50c.; 1b. 80c.; 5 lbs. $\$ 3.75 ; 10$ lbs. $\$ 7.00$; $25 \mathrm{lbs} . \$ 15.00$.
Tri-ogen. A combined spray; complete protection against plant insects and diseases. Small kit (makes 16 qts.) \$1.35; medium kit (makes 64 qts.) $\$ 3.50$; large kit (makes 32 gals.) $\$ 5.50$.
VOLCK (Garden). A Volck-Nicotine combination spray for the garden; controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphis, thrips, etc.; also acts as a repellent. $31 / 2$ ozs. 35 c .; pt. $\$ 1.00$; qt. \$1.50; gal. \$4.50.
Volck (Nursery). A mineral-oil spray for use on growing plants in greenhouse and garden. It is not to be confused with "Garden Volck," which contains soap and nicotine. $1 / 2 \mathrm{pt}$. 35 c .; qt. 75 c .; gal. $\$ 2.25$; 5 gals. $\$ 9.00 ; 28$ gals. $\$ 30.00$.
WILSON'S O. K. PLANT SPRAY. A powerful, efficient insecticide for aphis, red spider, mildew, scale, etc. Qt. \$1.00; gal. \$3.00; 5 gals. $\$ 12.00 ; 10$ gals. $\$ 22.00 ; 30$ gals. $\$ 57.00 ; 50$ gals. $\$ 90.00$.
Worm Destroyer. For earthworms. A powder to be distributed over a given surface and soaked with water. $100-\mathrm{lb}$. bag $\$ 5.50 ; 500 \mathrm{lbs}$. $\$ 22.50$; $1 / 2$ ton $\$ 42.00$; ton $\$ 80.00$.
X. L. All Insecticide Compound. An English preparation for spraying. Harmless to very delicate plants. Kills mealy bug, red spider and many other insect pests. Gal. \$8.50.

## Michell's High-Grade Fertilizers

## Please Note.-No smaller quantity of Fertilizer than here offered can be supplied

Adco. A bacterial food for making artificial manure with leaves, grass cuttings, etc. $71 / 2 \mathrm{lbs}$. $90 \mathrm{c} . ; 25 \mathrm{lbs}$. (sufficient to make $1 / 2$ ton of manure) $\$ 1.90 ; 150 \mathrm{lbs}$. $\$ 10.00$.
All-Crop Fertilizer. For all vegetable crops, grain, grass, etc. 100 lbs. $\$ 3.25 ; 200$ lbs. $\$ 6.00$; $1 / 2$ ton $\$ 25.00$; ton $\$ 47.00$
Ashes, Canada Hardwood. Apply 1000 Ibs. per acre. 25 lbs. 85c.; $50 \mathrm{lbs} . \$ 1.50 ; 100 \mathrm{lbs} . \$ 2.75$; 200-1b. bbl. $\$ 4.25$; $1 / 2$ ton $\$ 19.00$; ton $\$ 36.00$.
Blood, Bone and Potash. $100 \mathrm{lbs} . \$ 4.25 ; 1 / 2$ ton $\$ 36.00$; ton $\$ 71.00$.
Blood, Dried. For indoor culture of flowering plants like roses, carnations, etc. Price on application.
Blood Flour. Similar to dried blood. Price on application.
Bone, Coarse Ground. Apply 800 to 1000 Ibs. per acre. $100 \mathrm{lbs} . \$ 6.00$; 200 lbs. $\$ 11.00$; $1 / 2$ ton $\$ 42.00$; ton $\$ 82.00$.
Bone Flour. 5 lbs. $45 \mathrm{c} . ; 10 \mathrm{lbs} .80 \mathrm{c} . ; 25 \mathrm{lbs}$. $\$ 1.50$; 50 lbs . $\$ 2.50$; 100 lbs. $\$ 4.50$; $200 \mathrm{lbs} . \$ 8.50$; $1 / 2$ ton $\$ 38.00$; ton $\$ 74.00$.
Bonemeal. Michell's Special Florists' Brand. Apply 800 to 1000 lbs. per acre. 5 lbs. $40 \mathrm{c} . ; 10 \mathrm{lbs} .70 \mathrm{c} . ; 25 \mathrm{lbs}$. $\$ 1.35$; 50 lbs . $\$ 2.25$; $100 \mathrm{lbs} . \$ 4.00 ; 200 \mathrm{lbs} . \$ 7.75 ; 1 / 2$ ton $\$ 35.00$; ton $\$ 68.00$.
Bovung. A natural cow-manure containing not less than 75 per cent organic matter. Free from live weed seeds. Excellent for potted and freld-grown plants as well as upon lawns. $25 \mathrm{lbs} .90 \mathrm{c} . ; 50 \mathrm{lbs} . \$ 1.75$; 100 lbs. $\$ 3.15$; $1 / 2$ ton $\$ 26.50$; ton $\$ 51.00$.
Cottonseed Meal. Apply 800 lbs. per acre. $5 \mathrm{lbs} .45 \mathrm{c} . ; 10 \mathrm{lbs} .75 \mathrm{c}$. $25 \mathrm{lbs} . \$ 1.35 ; 50 \mathrm{lbs} . \$ 2.25 ; 100 \mathrm{lbs} . \$ 4.00 ; 1 / 2$ ton $\$ 35.00$; ton $\$ 68.00$.
Cow or Cattle Manure, Pulverized or Shredded. Thoroughly sterilized and weedless. F.o.b. Philadelphia, 25 lbs . $\$ 1.10$; 50 lbs . $\$ 1.75 ; 100 \mathrm{lbs} . \$ 3.25 ; 1 / 2$ ton $\$ 26.50$; ton $\$ 51.00$.
Cow or Cattle Manure. F.o.b. Chicago, 100 lbs. $\$ 2.75$; 500 lbs. $\$ 11.50$; $1 / 2$ ton $\$ 20.00$; ton $\$ 38.00$.
ELECTRA. A perfectly balanced fertilizer which is more than 80 per cent organic. It can be used for almost any purpose. 5 lbs . 60 c . $25 \mathrm{lbs} . \$ 2.50 ; 50 \mathrm{lbs} . \$ 4.00 ; 100 \mathrm{lbs} . \$ 6.75$.
Horn Meal. 25 lbs. $\$ 1.75$; 50 lbs. $\$ 3.25 ; 100 \mathrm{lbs} . \$ 6.00$.
Hortobacco, Michell's. A complete combined fertilizer and insecticide. 5 lbs. 35c.; 10 lbs. 60c.; 25 lbs. \$1.10; 50 lbs . $\$ 1.75$; 100 lbs. $\$ 3.00$; $1 / 2$ ton $\$ 23.50$; ton $\$ 45.00$, f.o.b. Philadelphia ( $\$ 40.00$ per ton f.o.b. factory).
Hyper-Humus. Especially desirable for mixing with potting soil. 5 lbs. 25c.; 10 lbs. 40c.; 25 lbs. 75c.; 50 lbs. \$1.00; 100 lbs. $\$ 1.75$; 500 lbs. $\$ 8.00 ; 1 / 2$ ton $\$ 13.00$; ton $\$ 22.50$. (Carload lots minimum 25 tons) in bulk, ton $\$ 9.00$, f.o.b. Plant Hyper-Humus, N. J.
Hyponex Plant Food. Highly concentrated. One pound makes 100 gallons. Use it for seedlings, cuttings, transplanting and general feeding. Contains Vitamin B. Lb. 90c.; 12 1-1b. pkgs. \$8.00; 10 lbs. $\$ 7.25$; 25 lbs . $\$ 13.50 ; 100 \mathrm{lbs} . \$ 36.00$.
Land Plaster. Apply about 1500 to 2000 Ibs. per acre. 25 lbs. 75c.; $50 \mathrm{lbs} . \$ 1.10 ; 100 \mathrm{lbs} . \$ 1.75 ; 1 / 2$ ton $\$ 15.00$; ton $\$ 27.50$.
Lime, Hydrated or Powdered. 10-1b. box 25c.; 50 lbs .75 c. ; 100 lbs. $\$ 1.35 ; 500 \mathrm{lbs} . \$ 5.75 ; 1 / 2$ ton $\$ 9.50$; ton $\$ 17.50$.
Limestone, Pulverized. Apply 1 ton per acre. $100-1 \mathrm{~b}$. bag $\$ 1.10 ; 500$ lbs. $\$ 4.50 ; 1 / 2$ ton $\$ 8.25$; ton $\$ 16.00$.
LIQUA-VITA. A liquid plant-food containing three major plant-foods, plus Vitamin $\mathrm{B}_{1}$, Plant Hormones, and nine secondary plant-foods. It is as safe on smaII seedlings as on large plants. 4 ozs. 30 c .; 12 ozs. 60c.; qt. $\$ 1.25$; gal. $\$ 3.00$; 10 -gal. bbl. $\$ 25.00$.
Michell's Lawn Dressing. Apply 1000 Ibs. per acre. 5 lbs. $45 \mathrm{c} . ; 10 \mathrm{lbs}$. 75 c . 25 lbs . $\$ 1.35 ; 50 \mathrm{lbs} . \$ 2.25 ; 100 \mathrm{lbs} . \$ 4.00 ; 1 / 2$ ton $\$ 35.00$; ton $\$ 68.00$.
MILORGANITE (6-3-0). A specially prepared, activated sewage sludge, entirely organic and absolutely safe to apply on lawns, flower-beds, trees, etc. $100 \mathrm{lbs} . \$ 3.00$.
Mum Manure, Smith's. A perfect food for Mums and other flowers, either under glass or in the garden. 50 lbs . $\$ 2.50 ; 100 \mathrm{lbs} . \$ 4.50$; 500 lbs . or over, at $\$ 4.15$ per 100 lbs .
Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. 5 lbs. 45c.; 10 lbs . 75 c. ; 25 lbs . $\$ 1.35$; 50 lbs . $\$ 2.00$; 100 lbs. $\$ 3.50$; 200 lbs . $\$ 6.75$; $1 / 2$ ton $\$ 28.50$; ton $\$ 55.00$.
Nitrate of Soda. Apply 100 to 150 pounds per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. 5 lbs. $45 \mathrm{c} . ; 10 \mathrm{lbs} .75 \mathrm{c} . ; 25 \mathrm{lbs} . \$ 1.35$; $50 \mathrm{lbs} . \$ 2.50 ; 100 \mathrm{lbs} . \$ 4.50$.
Peat Moss, Torf Mull (Granulated). Bus. 65c.; 5-bus. bag $\$ 2.00$; bale \$4.50.
Phosphate, Ammoniated. Apply 800 to 1000 Ibs. per acre broadcast. $25 \mathrm{lbs} . \$ 1.10 ; 50 \mathrm{lbs} . \$ 1.75 ; 100 \mathrm{lbs} . \$ 3.25 ; 200 \mathrm{lbs} . \$ 6.00 ; 1 / 2$ ton $\$ 25.50$; ton $\$ 49.00$.
Phosphate, Super (20 per cent), Apply 1000 pounds per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. $100 \mathrm{lbs} . \$ 2.25 ; 200 \mathrm{lbs} . \$ 4.00 ; 1 / 2$ ton $\$ 17.00$; ton $\$ 32.00$.

Plantabbs. An odorless plant-food in tablet form, for all plants in the house or garden. Pkgs. of 10 tablets 10c.; doz. 75c. Pkgs. of 30 tablets 25 c .; doz. $\$ 2.00$. Pkgs. of 75 tablets 50c.; doz. $\$ 4.00$. Pkgs. of 200 tablets $\$ 1.00$; doz. $\$ 8.00$. Can of 1000 tablets $\$ 3.50$; doz. cans $\$ 37.80$.
Plant Dinner. Has proved that it will produce better foliage, color, sturdiness, growth, flowers, and fruit than can otherwise be obtained. 10c. size, $\$ 1.00$ per carton of 20 . 25 c . size, $\$ 2.00$ per doz. $6-o z$. size, 75 c . each; $\$ 6.00$ per doz. $1-1 \mathrm{lb}$. size, $\$ 1.75$ each; $\$ 14.00$ per doz. $5-1 \mathrm{~b}$. size, $\$ 7.85$ each. $10-1 \mathrm{l}$. size, $\$ 13.75$ each.
Salt. For agricultural purposes. Apply 800 lbs. per acre. 100 lbs . $\$ 2.25$; 200 lbs. $\$ 4.00 ; 1 / 2$ ton $\$ 17.00$; ton $\$ 32.00$.
Sheep Manure, Wizard Brand. Apply 1000 Ibs. per acre. 5 Ibs. 35c.; 10 lbs. $60 \mathrm{c} . ; 25 \mathrm{lbs} . \$ 1.10 ; 50 \mathrm{lbs} . \$ 1.75 ; 100 \mathrm{lbs} . \$ 3.25 ; 1 / 2$ ton $\$ 26.50$; ton $\$ 51.00$.
Sheep Manure, Wizard Brand. F.o.b. Chicago. 100 lbs. \$2.75; 500 lbs. $\$ 11.50$; $1 / 2$ ton $\$ 20.00$; ton $\$ 38.00$.
Soot, Imported Scotch. 5 lbs. $60 \mathrm{c} . ; 10 \mathrm{lbs} . \$ 1.00 ; 25 \mathrm{lbs} . \$ 2.00 ; 100 \mathrm{lbs}$. $\$ 6.00$; 500 lbs. $\$ 28.00$.
Stim-U-Plant. A plant-food in tablet form. Pkg. of 30 tablets 25c.; pkg. of 100 tablets $75 \mathrm{c} . ; 1000$ tablets $\$ 3.50$.
Sulphate of Aluminum. Especially adapted for fertilizing rhododendrons and other plants requiring an acid soil. 5 lbs. 45c.; 10 lbs. 75 c .; 25 lbs. $\$ 1.35 ; 100 \mathrm{lbs} . \$ 3.50 ; 1 / 2$ ton $\$ 28.50$; ton $\$ 55.00$.
Sulphate of Ammonia. Apply 75 to 100 pounds per acre only with other fertilizers deficient in nitrogen. Analysis: Equal to 25 per cent of ammonia. 5 lbs. $45 \mathrm{c} . ; 10 \mathrm{lbs} .75 \mathrm{c} . ; 25 \mathrm{lbs}$. $\$ 1.35$; $50 \mathrm{lbs} . \$ 2.25$; $100 \mathrm{lbs} . \$ 4.00 ; 200 \mathrm{lbs} . \$ 7.75 ; 1 / 2$ ton $\$ 35.00$; ton $\$ 68.00$.
Sulphate of Iron. 5 lbs. $70 \mathrm{c} . ; 10 \mathrm{lbs} . \$ 1.30 ; 25 \mathrm{lbs} . \$ 2.50 ; 100 \mathrm{lbs} . \$ 7.00$.
Sulphate of Potash. Apply 100 to 125 pounds per acre, usually with other fertilizers. Analysis: Equal to 50 per cent of actual potash. 5 lbs. $70 \mathrm{c} . ; 10 \mathrm{lbs} . \$ 1.10 ; 25 \mathrm{lbs} . \$ 1.75 ; 50 \mathrm{lbs} . \$ 3.00 ; 100 \mathrm{lbs} . \$ 6.00$; $200 \mathrm{lbs} . \$ 11.00$
Tankage. $10 \mathrm{lbs} .75 \mathrm{c} . ; 25 \mathrm{lbs} . \$ 1.35 ; 50 \mathrm{lbs} . \$ 2.25 ; 100 \mathrm{lbs} . \$ 3.85$; $1 / 2$ ton $\$ 33.50$; ton $\$ 65.00$.
Terogen. An autumn and winter ground-dressing. Lb. 70c.; 2 lbs. $\$ 1.15 ; 5$ lbs. $\$ 2.50 ; 10$ lbs. $\$ 4.25 ; 25$ lbs. $\$ 10.00 ; 50$ lbs. $\$ 19.00 ; 100$ lbs. \$36.00.
Tobacco Stems, 5 lbs. 25c.; 10 lbs. 40c.; 25 lbs. 75c.; bale lots at 2c. per lb. ; $1 /$ ton $\$ 14.00$; ton $\$ 25.00$.
Tree Food, Michell's. A wonderful fertilizer for fruit and shade trees. 25 lbs. $\$ 1.35 ; 50 \mathrm{lbs} . \$ 2.25$; $100 \mathrm{lbs} . \$ 4.00 ; 1 / 2$ ton $\$ 35.00$; ton $\$ 68.00$.
Vigoro. A specially prepared food. 5 lbs .45 c .; $10 \mathrm{lbs} .85 \mathrm{c} . ; 25 \mathrm{lbs}$. $\$ 1.50$; 50 lbs. $\$ 2.50 ; 100 \mathrm{lbs} . \$ 4.00$.
Wonder Worker Fertilizer. A high-grade animal-base fertilizer, for growing all vegetable crops. $100 \mathrm{lbs} . \$ 4.00 ; 1 / 2$ ton $\$ 35.00$; ton $\$ 68.00$.

## ROOT-FORMING CHEMICALS



Rootone. The plant Hormone powder. Roots cuttings faster and makes more roots. Just dip cuttings in the dry powder and set in the propagating bed. Seeds and bulbs root faster and flower sooner when dusted before planting. $1 / 4-o z$. pkg. 25c. each; 2 ozs. $\$ 1.00$; doz. $\$ 8.00$. Lb. $\$ 5.00$; doz. $\$ 40.00$.


A stimulant for already formed root-growth. Transplantone contains chemicals which stimulate root-formation and growth at transplanting period. Excellent for established plants. Dissolve one teaspoonul in one gallon of water. Oz. 50c.; doz. \$4.00. $3 \mathrm{ozs} . \$ 1.00$; doz. $\$ 8.00$. Lb. \$4.00; doz. \$32.00.

## HORMODIN (The Root-Forming Chemical)

Each package contains a calibrated easy-to-use measure, complete directions, and a treatment chart. Price, 20-unit size, 50c.; doz. \$4.00. 60 -unit size $\$ 1.00$; doz. $\$ 8.00$. 240-unit size $\$ 2.50$.

## HORMODIN POWDER

Simply dip moistened stems in Hormodin Powder and place in usual propagating medium. For house, garden, and greenhouse plants use Hormodin Powder No. 1; also available as Powder No. 2 for woody types, and Powder No. 3 for evergreens.

$$
\text { No. 1. } 13 / 4 \text { oz. } 50 \text { c. } ; \text { lb. } \$ 3.00 . \quad \text { No. 3. Oz. } \$ 1.00 ; 1 / 2 \mathrm{lb} . \$ 4.50 .
$$

No. 2. $13 / 4$ oz. $75 \mathrm{c} . ;$ lb. $\$ 4.50$.

## VITAMIN B-1

Owing to the unusual demand for VITAMIN B-1 in the various forms, we can now furnish this material as follows: Vitamin B-1 Crystalline Powder $\begin{array}{ll}\text { Bottle } & \text { Doz. } \\ \$ 1 & 00 \\ \$ 780\end{array}$ Vitamin B-1 Pellets, 100 -milligram to bottle 100 Vitamin B-1 Liquid

780
300
$\begin{array}{ll}35 & 300 \\ 35 & 300\end{array}$

ORDER SHEET Please do not ask questions on this order sheet, but write them, and all communications requiring ORDER NO.

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NAM ${ }^{\text {So }}$
Date 194
P. O. Box

Post Office
R. F. D. No.

Freight or Express Address.
County


Charge to

| SEND BYOver the wordMesesignating <br> method by which ship- <br> ment is desired | FRT. | EXP. | BOAT | PARCEL POST | $\begin{aligned} & \text { BAGGAGE } \\ & \text { MASTER } \end{aligned}$ | $\begin{aligned} & \text { LOCAL } \\ & \text { EXPRESS } \end{aligned}$ | DELIVERY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Addres



PRICED BY

| ORDER | Veg. Seeds | Flower Seeds | Bulbs | Plants | Sundries | Fertilizer | Grass Seed |
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| FILLED BY |  |  |  |  |  |  |  |
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| FILLED |  |  |  |  |  |  |  |
| DOUBLE <br> CHECKED BY |  |  |  |  |  |  |  |

Quantity

Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once.


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# MICHELL'S SEED HOUSE 

516-518 MARKET STREET
Philadelphia, Pa.

## DON'T FORGET TO WRITE YOUR <br> NAME AND ADDRESS

INDEX to Contents of Michell's Wholesale 1942 Bulb Catalos


## $\mathrm{MICHELL}_{R \in U A} \mathrm{M}_{E}$ Bulbs



RANUNCULUS



ANEMONES ST. BRIGID, MIXED


MICHELL'S DUTCH BULBOUS IRIS

## HENRY F. MICHELL CO., 516-518 Market St, PHILA., PA.


[^0]:    The asterisk $\left({ }^{*}\right)$ preceding the variety denotes that it is suitable for forcing as well as bedding. The letters A, B and C following the variety indicate their relative time of blooming, the A's being the earliest to bloom. The figures indicate the normal height in inches Tulip bulbs are packed 250 in a bag; please order in units of this number if possible

[^1]:    Giant Trumpet Narcissus

[^2]:    No. $742 / 1.18$ in. high; 14 in . long; 5 in . wide; 5 in. deep. $\$ 120 \$ 1285$
    No. $742 / 2.18 \mathrm{in}$. high; 18 in . long; 6 in . wide; 5 in . deep. 1401420
    No. $742 / 3.18 \mathrm{in}$. high; 21 in . long; 6 in . wide; 5 in . deep. 1651920

